

RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1972 to June 30, 1973

1972-1973

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*
(July 1, 1972 - August 31, 1972)

HAROLD L. ENARSON, *President*
(September 1, 1972 - June 30, 1973)

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
FREDERICK R. ECKLEY, Cleveland ¹	May 5, 1969	May 13, 1973
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
JOHN H. DUNLAP, Williamsport	May 14, 1968	May 13, 1977
M. MERLE HARROD, Wapakoneta	September 2, 1969	May 13, 1978
JOHN L. GUSHMAN, Lancaster	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980
PATRICIA D. JAMES, Cleveland	July 18, 1972	May 13, 1981
CHESTER DEVENOW, Toledo	May 14, 1973	May 13, 1982

¹ Appointed to fill unexpired term of Mervin B. France; resigned April 4, 1969.

OFFICERS

FREDERICK R. ECKLEY, *Chairman*
JOHN H. DUNLAP, *Vice Chairman*
EDWARD Q. MOULTON, *Secretary*
ERNEST W. LEGGETT, *Treasurer*

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND SEVENTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 7, 1972

The Board of Trustees met at its regular monthly meeting on Friday, July 7, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Robert S. Dorsey.

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Minutes of the last meeting were approved.

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July 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN

The Chairman announced the appointment of James W. Shocknessy to the Finance and Investment Committee for the academic year 1972-1973:

Finance and Investment Committee

William C. Safford, Chairman
Don M. Hilliker, Vice Chairman
John H. Dunlap
M. Merle Harrod
James W. Shocknessy

o - o

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a University Senate

President Fawcett made the following statement:

The first of my several general recommendations this afternoon is concerned with a most important subject which has perhaps received more attention by this University's faculty, students, and administration over the past two years than any other single matter; that is, the establishment of a University Senate. The Board has been kept informed on this matter, and a copy of the proposal was mailed to each member on June 15, 1972. Over a two-year period the Faculty Council, with its membership enlarged by 33 students, has considered a wide range of proposals as to membership and structure of a University-wide legislative body which could most meaningfully respond to appropriate matters presently within the authority and jurisdiction of Faculty Council.

Countless hours have been devoted through the subcommittees and at regular and special meetings of the Faculty Council as well as numerous departmental and college faculty meetings to the examination, discussion, and recommendation of how best to constitute such a University Senate. Three successive Faculty Councils as well as student leaders from three successive student representative groups were directly involved in this deliberative process. Finally, after many compromises, the Faculty Council brought forth what its members believed to be the proposal which would have the widest degree of acceptance among the various contending segments of the University. But before taking final action, it was decided that this proposal should be the subject of both a student and a faculty referendum. The results of the faculty referendum provided a clear mandate for the Faculty

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Establishment of a University Senate (continued)

President Fawcett's statement (continued)

Council proposal. With over one-half of our faculty voting, the proposal was supported 1139 for to 511 against. In the student referendum, also, the proposal carried, although the vote was much closer, 1351 for to 1203 against. Although the student turnout was somewhat disappointing to everyone, it appeared that the entire University community made a sincere and concentrated effort to bring the issue to the fore to encourage knowledgeable and interested voting. Subsequently, the Faculty Council, at its meeting on June 7, voted 66 to 13 in favor of this proposal which I am now recommending to the Board for your favorable consideration. As you are aware, inherent in any proposal of this nature is the question of what constitutes the most appropriate division in representation of the various constituencies, in this case, faculty, students, and administration. There is little question that the division in membership called for in this proposal represents in each group's mind a substantial compromise, and each believes its segment to be somewhat under-represented for the ideal.

I would suggest, however, rather than debating the various aspects of this proposal further, it is now time to enact the proposal of Faculty Council to establish a University Senate and modify the By-Laws of the Board of Trustees and the Rules for the University Faculty accordingly to accommodate this new University-wide legislative body. After the University Senate comes into official existence, orderly procedures are provided for within its regulations to perfect its organization. And finally, I might say that I have discussed this recommendation that I am now making with President-Elect Enarson, and he concurs in my desire for action by the Board on the University Senate proposal at this time.

The entire subject, process and result, is a viable demonstration of the best in the deliberative processes within the academic community, and I commend everyone for their thoughtful involvement.

President Fawcett then presented the following recommendation:

The Faculty Council on June 7, 1972, after almost two years of deliberation approved the establishment of a University Senate to replace the existing Faculty Council. To effect this action a number of changes are necessitated in the By-Laws of the Board of Trustees and Rules for the University Faculty including:

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Establishment of a University Senate (continued)

President Fawcett's recommendation (continued)

1. The repeal of Rules 29.01 through 29.25 and Rules 29.2713 and 29.2717.
2. The addition of Rule 28.00 to provide for changes in existing rules so that any section of the previous rules which are inconsistent with new rules for the University Senate will be inapplicable.
3. The addition of Rules 28.01 through 28.19 to effect the formation of the University Senate.

It is recommended that the University Senate be established and that the By-Laws of the Board of Trustees and Rules for the University Faculty be modified to accommodate this re-organization. (See Appendix I, page 55.)

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Revision of Rule 35.07 to Amend the Pass/Non-Pass Grade

The Faculty Council on June 9, 1972 also approved a modification of the PA/NP--Pass/Non-Pass grade in Rule 35.07. The proposed rule change clarifies the courses to be graded Pass/Non-Pass, inserts a decision time limit for electing the PA/NP grade, and designates the equivalent grades for Pass and Non-Pass. (See Appendix II, page 69.)

President Fawcett recommended that the foregoing recommendation of the Faculty Council be approved.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Naming of Buildings

Upon the recommendation of the Vice President for Medical Affairs, and with the concurrence of the President's Cabinet, President Fawcett recommended that the Medical Basic Science Building at 333 West Tenth Avenue be named Grant O. Graves Hall to honor the memory of Grant Ostrander Graves, Professor and Chairman of the Department of Anatomy at the time of his death on February 7, 1972.

I. GENERAL RECOMMENDATIONS (continued)

C. Naming of Buildings (continued)

Upon the recommendation of the Vice President for Regional Campuses and Dean of the University College, and with the concurrence of the President's Cabinet, President Fawcett recommended that University College - Building No. 4 at 1090 Carmack Road be named William H. Scott Hall to honor the memory of William Henry Scott, the third President of The Ohio State University who served from 1883 to 1895 and was Professor of Philosophy until the time of his retirement in 1910.

These recommendations are in accordance with the By-Laws of the Board of Trustees.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendations by unanimous voice vote.

D. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1969-70 has been received and reviewed by the appropriate officers of the University. The report indicates that with the exception of one procedure which has since been modified, the procedures and records of The Ohio State University are in order.

President Fawcett recommended that the Annual Report of the Auditor of State for the fiscal year 1969-70 be accepted and filed with the official documents of The Ohio State University.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous voice vote.

E. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 1, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix III, page 73.)

Upon motion of Mr. Dorsey, seconded by Mr. Shocknessy, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Honorary Degrees

President Fawcett recommended under authority granted him in Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the Doctor of Athletic Arts degree be conferred on the following recipients at the September 1, 1972 Commencement:

Jack William Nicklaus
Jesse Owens

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

G. Facilities to be Financed by the Ohio Facilities Commission

The following resolution is required by the Ohio Board of Regents pursuant to the authority granted under Chapter 3333.05 of the Ohio Revised Code and the provision contained in S.B. 457 before this University may initiate any Capital Projects funded by the State.

President Fawcett recommended that the following resolution be adopted:

Be It Resolved by the Board of Trustees of The Ohio State University, that:

Section 1. The President and/or the Treasurer of The Ohio State University are hereby authorized to complete and sign, on behalf of the University, Ohio Public Facilities Commission forms Nos. 101 and 101A for any and all of the projects for the University provided for by or pursuant to the appropriations made under Section 2 of Amended Substitute Senate Bill No. 457 enacted by the 109th General Assembly and such projects provided for by or pursuant to appropriations made in future enactments of Ohio General Assemblies.

Section 2. The Board of Trustees agrees to permit the Ohio Public Facilities Commission to use the sites for the purpose of said projects, the boundaries of which are shown in the plans for such projects, for so long as the respective notes, if any, and bonds issued to finance such projects shall be outstanding.

Section 3. The Ohio State University and its Board of Trustees in its behalf agrees to undertake performance of the functions and responsibilities of a using governmental agency, and of a designated governmental agency to the extent it is such, as

July 7, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Facilities to be Financed by the Ohio Facilities Commission (continued)

provided in the Regulations of the Ohio Public Facilities Commission and any applicable leases, agreements, or rules of the Commission, with respect to the aforesaid projects.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

H. University Initiated Fees and Charges

During this past year, all fees, charges, receipts, and income initiated by the departments, offices and auxiliary areas within the University were reviewed as an integral part of the comprehensive budgeting and planning program. This action represents a further refinement in the review and coordination process which presently includes the review of all the University decisions which fall within the Wage-Price guidelines, the incorporation into the biennial planning process of all sources of income, and the inclusion in the annual program budgeting process of all sources of income.

A procedure has now been established for the review of charges initiated by any unit within the University before the start of each fiscal year and presentation to the Board of Trustees for action. This review requires a justification for the initiation of all charges as well as proposed changes in charges, a management audit of the income and expenses associated with all such charges, and an opinion by the University Cost of Living Council as to the permissibility of any proposed increase, as well as compliance with State statutes and sound University budgeting practices.

Included in this recommendation by reference is a schedule of charges for over 13,000 individual assessments by some 200 units within the University for the 1972-1973 year. This inventory is organized by fiscal unit and includes a summary analysis by type of charge (services, deposits, publications, medical and related charges).

President Fawcett recommended that the schedule of charges as proposed be approved and that a detailed copy of such charges be maintained with the official records of the Boards of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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II. PERSONNEL CHANGES

Personnel changes since the June 2, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointment, Leaves of Absence Without Salary, Emeritus Titles, and Appointment of Department Chairman:

A. Promotions

Richard H. Zimmerman from Executive Director for University Planning and Professor of Mechanical Engineering to Acting Vice President for Administrative Operations and Professor of Mechanical Engineering, effective immediately, at a salary of \$34,452.00 per annum.

Johanna S. Belkin from Associate Professor in the Department of German to Associate Dean of the College of Humanities, effective October 1, 1972, at a salary of \$19,608.00 per annum. Dr. Belkin will continue to hold an academic appointment as Associate Professor in the Department of German.

Karl F. Graff from Professor in the Department of Engineering Mechanics to Professor in and Chairman of the Department of Engineering Mechanics, effective immediately, at a salary of \$23,808.00 per annum.

William B. Shook from Associate Professor in the Department of Ceramic Engineering to Associate Professor in and Chairman of the Department of Ceramic Engineering, effective immediately, at a salary of \$21,288.00 per annum.

Lorane C. Kruse from Associate Professor in the School of Nursing to Associate Professor and Acting Director of the School of Nursing, effective immediately, at a salary of \$17,488.00 per annum.

Colin R. Macpherson from Professor in the Department of Pathology to Professor in and Acting Chairman of the Department of Pathology, effective immediately, at a salary of \$30,648.00 per annum.

B. Appointment

Robert D. Archibald, Director of the University Counseling Center, effective August 1, 1972, at a salary of \$19,128.00 per annum.

July 7, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

William D. Heintz, Professor, College of Dentistry, effective July 1, 1972 through September 30, 1972, for personal travel and lecturing in Europe.

Henry L. Hunker, Professor, Department of Geography, effective October 1, 1972 through September 30, 1973, to accept a Fellowship with Battelle Memorial Institute.

Kurt Mahler, Professor, Department of Mathematics, effective July 1, 1972 through September 30, 1972, to serve as a Visiting Professor at the Australian National University, Canberra, Australia.

Arnold M. Zwicky, Jr., Professor, Department of Linguistics, effective October 1, 1972 through September 30, 1973, to accept a Guggenheim Fellowship.

James A. Grossie, Associate Professor, Department of Physiology, effective June 1, 1972 through September 30, 1972, to accept a Postdoctoral Fellowship at the University of Buffalo.

David M. Peterson, Associate Professor, Department of Sociology, effective October 1, 1972 through September 30, 1973, to engage in research at the University of Miami.

Christopher A. Rodowskas, Associate Professor, College of Pharmacy, effective July 1, 1972 through August 31, 1972, to set up a grant proposal for the American Association of Colleges of Pharmacy, Silver Spring, Maryland.

Peter W. Post, Assistant Professor, Department of Anthropology, effective October 1, 1972 through September 30, 1973, to do research at Harvard University.

David L. Stampe, Assistant Professor, Department of Linguistics, effective October 1, 1972 through September 30, 1973, to accept a Postdoctoral Fellowship at Massachusetts Institute of Technology.

Carol J. Bininger, Instructor, School of Nursing, effective June 20, 1972 through September 24, 1972, for personal reasons.

July 7, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

T. Roy Bogle, Instructor (County Extension Agent, Agriculture), Cooperative Extension Service, effective July 1, 1972 through January 31, 1973, to participate in a program of professional improvement at the University of Missouri.

Patricia A. Braden, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective July 1, 1972 through December 31, 1972, for personal reasons.

Beverly Deerwester, Instructor (County Extension Agent, Home Economics) Wood County, Cooperative Extension Service, effective May 1, 1972 through July 15, 1972, for personal reasons.

D. Emeritus Titles

Florence M. Harvey, School of Nursing, with the title Professor Emeritus, effective July 1, 1972.

Lawrence E. Kunkle, Sr., Department of Animal Science, with the title Professor Emeritus, effective July 1, 1972.

E. Appointment of Department Chairman

Roy B. McCauley, Chairman of the Department of Welding Engineering, effective July 1, 1972 through June 30, 1976.

President Fawcett recommended that the Promotions, Appointment, Leaves of Absence Without Salary, Emeritus Titles, Appointment of Department Chairman, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

SUMMARY

(May 13, 1972 - June 16, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	16	\$1,093,235.00
Industrial and Other Research	3	33,326.00
<u>Grants</u>		
Government Research - Federal	43	2,061,129.00
Industrial and Other Research	<u>8</u>	<u>81,338.00</u>
Totals	70	\$3,269,028.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (to be known as Project No. 2116 - Mod. #10 - Department of Physics).
Gross Value - \$15,000.00.
- b. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse for Science Education (to be known as Project No. 2228 - Mod. #10 - College of Education).
Gross Value - \$279,165.00.
- c. Department of Army, Letterkenny Army Depot, Chambersburg, Pennsylvania, Small Unit Combat Simulation (DYNTACS X) (to be known as Project No. 2978 - Mod. #P00009 - Engineering Experiment Station).
Gross Value - \$9,969.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Physical Fitness Training (to be known as Project No. 3039-A1 - Mod. #3 - School of Health, Physical Education, and Recreation).
Gross Value - \$28,443.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Studies on the Ability of Stored Blood to Transport Oxygen in Vivo (to be known as Project No. 3244-A1 - Mod. #1 - Department of Medicine).
Gross Value - \$51,400.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Participation in a Study of Cerebral Death (to be known as Project No. 3264-A1 - Mod. #1 - Department of Medicine).
Gross Value - \$51,400.00.
- g. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - Mod. #P00003 - Department of Electrical Engineering).
Gross Value - \$105,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of Army, Harry Diamond Laboratories, Washington, D. C., Adaptive Arrays as Readout Antennas in an ECM Environment (to be known as Project No. 3435-A1 - New - Department of Electrical Engineering).
Gross Value - \$63,045.00.
- i. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Rockville, Maryland, Symposium on Drug Effects on Neuroendocrine Regulations (to be known as Project No. 3458-A1 - New - Department of Pharmacology).
Gross Value - \$10,000.00.
- j. Department of Army, Eustis Directorate, U. S. Army Air Mobility Research and Development Laboratory, Fort Eustis, Virginia, Vibration Signal Analysis Techniques Study (to be known as Project No. 3463-A1 - New - Department of Mechanical Engineering).
Gross Value - \$46,406.00.
- k. U. S. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Federal Building, Fort Snelling, Twin Cities, Minnesota, Food Habits of the Fishes in Sandusky Bay (to be known as Project No. 3466-A1 - New - Department of Zoology).
Gross Value - \$7,000.00.
- l. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Establish and Operate a National Center on Educational Media for the Handicapped (to be known as Project No. 3471-A1 - New - College of Education).
Gross Value - \$344,669.00.
- m. Department of Transportation, Federal Aviation Administration, Logistics Service, Equipment Purchase Branch, Washington, D. C., The Effects of Drugs on Pilot Performance (to be known as Project No. 3476-A1 - New - Department of Preventive Medicine).
Gross Value - \$25,776.00.
- n. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop and Conduct a Training Course for FDA Professional Personnel (to be known as Project No. 3479-A1 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$9,272.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- o. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Develop and Conduct a Training Course for FDA Professional Personnel (to be known as Project No. 3479-B1 - New - College of Administrative Science, Division of Continuing Education). Gross Value - \$8,019.00.
- p. Department of Air Force, Air Force Systems Command, Aerospace Medical Division, Brooks Air Force Base, Texas, Development and Evaluation of Social Incentive System for Air Force Technical Training (to be known as Project No. 3481-A1 - New - Department of Psychology). Gross Value - \$38,671.00.

TOTAL - Government Research Contracts - Federal \$1,093,235.00

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350 - Amend. #24 - Department of Metallurgical Engineering). Gross Value - \$9,000.00.
- b. General Electric Company, Aircraft Engine Group, Evendale Plant, Evendale, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3419-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$4,000.00.
- c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Studies of Arctic Pedology, Geology, and Permafrost (to be known as Project No. 3475-A1 - New - Institute of Polar Studies). Gross Value - \$20,326.00.

TOTAL - Industrial and Other Research Contracts \$33,326.00

3. Government Research Grants - Federal

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Tracing Photoreceptor Activity Within the Retina (to be known as Project No. 782-K - Sup. #1 - Department of Biophysics). Gross Value - \$3,526.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as Project No. 1451-K - Ext. #10 - Department of Pharmacology).
Gross Value - \$43,837.00.
- c. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as Project No. 1653-H - Ext. #8 - College of Pharmacy).
Gross Value - \$19,388.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The Induction of Tolerance to Xenografts (to be known as Project No. 2662-D - Ext. #4 - Department of Surgery).
Gross Value - \$42,622.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Electrophysiological Studies of Visual Adaptation (to be known as Project No. 2711-C - Ext. #3 - Department of Ophthalmology).
Gross Value - \$35,300.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, A Model of Para-infectious Demyelinating Encephalitis (to be known as Project No. 2797-C - Ext. #3 - Department of Veterinary Pathology).
Gross Value - \$41,675.00.
- g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Sup. #1 - Department of Physiological Chemistry).
Gross Value - \$7,075.00.
- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Mechanism of Sodium Retention in Edematous States (to be known as Project No. 2831-C - Ext. #3 - College of Medicine).
Gross Value - \$64,855.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- i. National Science Foundation, Washington, D. C., Group Theory, the Theory of Orders and the Geometry of Numbers (to be known as Project No. 2839 - Amend. #2 - Department of Mathematics). Gross Value - \$24,700.00.
- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, New Antibiotics - Isolation, Synthesis and Evaluation (to be known as Project No. 3054-A3 - Ext. #2 - College of Pharmacy). Gross Value - \$39,671.00.
- k. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Verbal Learning Conferences (to be known as Project No. 3058-A3 - Ext. #2 - Department of Psychology). Gross Value - \$7,225.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, In Vivo Effects of Histidase (to be known as Project No. 3079-A3 - Ext. #2 - Department of Physiological Chemistry). Gross Value - \$39,186.00.
- m. National Science Foundation, Washington, D. C., Mechanism of Photophosphorylation (to be known as Project No. 3081-A1 - Amend. #1 - Department of Biochemistry). Gross Value - \$40,000.00.
- n. National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures (to be known as Project No. 3228-A1 - Amend. #1 - Department of Mathematics). Gross Value - \$5,100.00.
- o. National Science Foundation, Washington, D. C., Study of Ice Sheet Dynamics Northeast of Byrd Station (to be known as Project No. 3229-A1 - Sponsor ltr. dtd. 5/17/72 - Institute of Polar Studies). Gross Value - \$39,600.00.
- p. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, A Study of the Communicative Interaction Process (to be known as Project No. 3235-A2 - Ext. #1 - School of Nursing). Gross Value - \$105,945.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- q. National Science Foundation, Washington, D. C., H-Spaces mod p and H-Spaces of Low Rank (to be known as Project No. 3239-A1 - Sponsor ltr. dtd. 5/17/72 - Department of Mathematics).
Gross Value - \$6,000.00.
- r. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - Rev. #4 - College of Education).
Gross Value - \$729,360.00.
- s. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-B1 - New - College of Education).
Gross Value - \$57,330.00.
- t. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Amino Sugars in Processed Foods (to be known as Project No. 3275-A2 - Ext. #1 - Department of Food Science and Nutrition).
Gross Value - \$26,193.00.
- u. Department of Health, Education, and Welfare, Public Health Service, National Institute for Occupational Safety and Health, Bethesda, Maryland, Pathophysiology of Coal Pneumoconiosis in Equidae (to be known as Project No. 3282-A2 - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$97,998.00.
- v. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells (to be known as Project No. 3283-A2 - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$36,722.00.
- w. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Studies Related to Hydrocarbon Carcinogenesis (to be known as Project No. 3284-A2 - Ext. #1 - Department of Chemistry).
Gross Value - \$46,430.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- x. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Statistics and Probability Applied to Control System Analysis (to be known as Project No. 3429-A1 - New - Division of Statistics).
Gross Value - \$17,471.00.
- y. Department of Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Arlington, Virginia, Aspects of Decision Theory with Applications to Target Recognition and Digital Communications (to be known as Project No. 3444-A1 - New - Department of Computer and Information Science).
Gross Value - \$20,047.00.
- z. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Conference on Comparative Fertility and Family Research (to be known as Project No. 3446-A1 - New - Department of Sociology).
Gross Value - \$13,355.00.
- aa. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Lymphocyte Reactivity in Inflammatory Bowel Disease (to be known as Project No. 3450-A1 - New - Department of Medicine).
Gross Value - \$17,996.00.
- bb. National Science Foundation, Washington, D. C., Local Equilibrium and Diffusion in Multiphase Couples (to be known as Project No. 3451-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$14,200.00.
- cc. National Science Foundation, Washington, D. C., Investigation of Aperture Near Field Phenomena (to be known as Project No. 3452-A1 - New - Department of Electrical Engineering).
Gross Value - \$23,000.00.
- dd. National Science Foundation, Washington, D. C., Radiometer Antennas (to be known as Project No. 3453-A1 - New - Department of Electrical Engineering).
Gross Value - \$45,800.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- ee. National Science Foundation, Washington, D. C., Characteristic Mode Theory Applied to Antenna Arrays (to be known as Project No. 3454-A1 - New - Department of Electrical Engineering).
Gross Value - \$35,300.00.
- ff. National Science Foundation, Washington, D. C., The Approximation Problem in Banach Spaces (to be known as Project No. 3455-A1 - New - Department of Mathematics).
Gross Value - \$5,700.00.
- gg. National Science Foundation, Washington, D. C., Impact of Government Programs on Family Life: The Soviet Experiment (to be known as Project No. 3456-A1 - New - College of Law).
Gross Value - \$51,000.00.
- hh. National Science Foundation, Washington, D. C. 20550, Magnetic Resonance in Dilute Alloys and Thin Insulators Films (to be known as Project No. 3457-A1 - New - Department of Physics).
Gross Value - \$33,900.00.
- ii. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Effects of Refraction and Dispersion on High Altitude Measurements of Atmospheric Gases (to be known as Project No. 3460-A1 - New - Department of Physics).
Gross Value - \$18,246.00.
- jj. National Science Foundation, Washington, D. C., Productivity of Tundra Lichens in the Prudhoe Bay Region: Physiological Ecology of Arctic Bryophytes (to be known as Project No. 3462-A1 - New - Institute of Polar Studies).
Gross Value - 19,200.00.
- kk. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Dynamics of O₂ and CO₂ Regulations (to be known as Project No. 3464-A1 - New - Department of Physiology).
Gross Value - \$27,536.00.
- ll. National Science Foundation, Washington, D. C., Dislocation Sources in the Microstrain Region (to be known as Project No. 3465-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$44,000.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

mm. National Science Foundation, Washington, D. C., Word Encoding and Memory (to be known as Project No. 3467-A1 - New - Department of Psychology).
Gross Value - \$26,800.00.

nn. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, National Institute of Alcohol Abuse and Alcoholism, Bethesda, Maryland, Effect of Ethanol on Jejunal Function (to be known as Project No. 3469-A1 - New - Department of Medicine).
Gross Value - \$28,377.00.

oo. National Science Foundation, Washington, D. C. 20550, Self-Programming Systems: A New Approach (to be known as Project No. 3470-A1 - New - Department of Computer and Information Science).
Gross Value - \$25,400.00.

pp. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Analysis of Decision-Making in Small Groups (to be known as Project No. 3473-A1 - New - Department of Speech Communication).
Gross Value - \$19,942.00.

qq. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Contribution of School and Non-School Inputs to Student Achievement (to be known as Project No. 3474-A1 - New - Department of Agricultural Economics and Rural Sociology).
Gross Value - \$14,121.00.

TOTAL - Government Research Grants - Federal \$2,061,129.00

4. Industrial and Other Research Grants

a. American Heart Association, Inc., New York, New York, Action of Antimycin A on Heart Respiratory Function (to be known as Project No. 3036-A3 - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$13,200.00.

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- b. American Chemical Society, The Petroleum Research Fund, Washington, D. C., The Molecular Spectra of Transient Species in the Gas Phase (to be known as Project No. 3181-A1 - Sponsor ltr. dtd. 4/25/72 - Department of Chemistry).
Gross Value - \$6,120.00.
- c. United Fund Health Foundation, Canton, Ohio, Early Hearing Loss Due to Environmental Noise Pollution (to be known as Project No. 3201-A1 - Sponsor ltr. dtd. 4/12/72 - Department of Otolaryngology).
Gross Value - \$8,300.00.
- d. United Fund Health Foundation, Canton, Ohio, Effect of Carbon Monoxide on Tissue Oxygen Supply (to be known as Project No. 3202-A1 - Sponsor ltr. dtd. 4/12/72 - Department of Medicine).
Gross Value - \$7,200.00.
- e. American Heart Association, Inc., New York, New York, Blood Oxygen Transport in Hemoglobinopathies (to be known as Project No. 3243-A2 - Ext. #1 - Department of Medicine).
Gross Value - \$12,650.00.
- f. The Milheim Foundation for Cancer Research, The Colorado National Bank Trust Department, Denver, Colorado, Cell-Mediated Immunity in Wilms' Tumors of Children (to be known as Project No. 3459-A1 - New - Department of Pediatrics).
Gross Value - \$13,386.00.
- g. The Milheim Foundation for Cancer Research, The Colorado National Bank Trust Department, Denver, Colorado, Determining Malignant Cerebral Tumors by Fluorescence Microscopy (to be known as Project No. 3461-A1 - New - Department of Surgery).
Gross Value - \$6,982.00.
- h. American Iron and Steel Institute, New York, New York, Composition of Passive Films (to be known as Project No. 3472-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$13,500.00.

TOTAL - Industrial and Other Research Grants \$81,338.00

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

SUMMARY

(Period: May 12, 1972 - June 15, 1972)

	No. of Projects	Gross Value
Government Research Contracts	4	\$207,052.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 276X Ext. #8	An Investigation of Highway Automation, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$180,000.00.
EES 278X Ext. #8	Investigation of Traffic Dynamics by Aerial Photogrammetry Techniques, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$21,530.00.
EES 392X Mod. #1	Formation of Dense Settled Sludge by Lime Treatment of Acid Mine Drainage, U. S. Department of Interior, Washington, D. C. Gross Value - \$3,000.00.
EES 399X Mod. #1	Institute Director's Office, U. S. Department of Interior, Washington, D. C. Gross Value - \$2,522.00.

TOTAL - Government Research Contracts \$207,052.00

July 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

C. Lease Agreement: Board of Trustees of The Ohio State University and the Board of Control of the Ohio Agricultural Research and Development Center

Sections 903.06 and 3345.11, Ohio Revised Code, provide general authorization for the Board of Control of the Ohio Agricultural Research and Development Center to enter into a lease with the Board of Trustees of The Ohio State University authorizing said Board of Trustees of The Ohio State University use of lands for the construction and operation of an Area Extension Center and related facilities.

The Center has custody and control of certain lands owned by the State of Ohio and located in Noble Township, Noble County, Ohio.

It is the desire of the parties hereto that the University have the use of these lands for the construction and operation of an Area Extension Center and related facilities.

The parties propose utilization of the land in accordance with the provisions of Sections 903.06 and 3345.11, Ohio Revised Code.

It was recommended that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to enter into a lease agreement between the Board of Control of the Ohio Agricultural Research and Development Center and the Board of Trustees of The Ohio State University to provide for the lease of 9.92 acres for the construction and operation of an Area Extension Center and related facilities located in Noble Township, Noble County, Ohio.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: May, 1972)

<u>Grants</u>	
Office of Finance and Treasurer	\$4,506,571.70

<u>Gifts</u>	
The Ohio State University Development Fund	

	Number of	
	Gifts	Amount
Alumni	4,879	\$ 959,395.23
Individuals Other than Alumni	264	90,087.07
Business Concerns	44	78,292.60
Foundations and Nonprofit		
Organizations	<u>44</u>	<u>34,216.94</u>
Totals	5,153	\$1,161,991.84

Fiscal Year July 1, 1971 - May 31, 1972

General Solicitation		\$ 519,972.75
Major Resources Group:		
Major Individual Gifts	\$2,184,824.85	
Corporate Gifts	988,216.18	
Foundations and Nonprofit		
Organizations Gifts	<u>978,303.52</u>	
Total		<u>4,151,344.55</u>
Grand Total		<u><u>\$4,671,317.30</u></u>

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include a listing of gifts of \$5,000 or more and the establishment of named funds.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,053,265.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the College Work-Study Program, for the period July 1, 1972 through June 30, 1973. (NIH Grantee Account No. 766505)
2. \$433,670.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program-Training Grant, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D08 PE00110-03)
3. \$390,836.00 additional grant by U. S. Department of Agriculture, Animal and Plant Health Inspection Service, Administrative Management Branch, Federal Center Bldg., Hyattsville, Maryland, to the University for the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees, under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period July 1, 1972 through June 30, 1973. (Contract No. 12-25-400-64, Modification No. 4)
4. \$291,461.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, to renovate Goss Laboratory for research, under the direction of the Department of Veterinary Pathology. (Grant No. 1 C06 CA13569-01)
5. \$199,714.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for Nisonger Center/Community Stimulation Project, for the period June 1, 1972 through May 31, 1973. (Grant No. 56-P-25298/5-01)
6. \$154,682.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Professional Nurse Traineeship - Baccalaureate and Post-Baccalaureate - Training Grant, under the direction of the School of Nursing, for the period September 1, 1972 through August 31, 1973. (Grant No. 5 A11 NU00029-16)
7. \$133,004.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, to the University for Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through August 31, 1972. (Grant No. 5 G03 RM 00022-02A4)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$118,399.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Graduate Program in Comprehensive Health Planning, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Project No. 555503-04-72)
9. \$118,142.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program - Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D08 PE05014-02)
10. \$111,728.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Design, Development and Dissemination of In-Service Training Materials, under the direction of the College of Education, for the period May 1, 1972 through June 14, 1973. (Grant No. OEG-0-72-3593)
11. \$102,059.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry - Basic Residency - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH08458-09)
12. \$90,712.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Surgery - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01539-07)
13. \$89,616.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, to the University for Preventive Medicine Curriculum Augmentation, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D04 AH01113-07)
14. \$83,638.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for Comprehensive Education for Social and Rehabilitation Services, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 46-P-25230/5-01)
15. \$81,961.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training in Expanded Auxiliary Management, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D11 DH08008-02)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. \$78,840.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Renal Disease - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 HL05975-01)
17. \$66,654.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH05061-26)
18. \$60,805.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for State-wide Library Planning and Evaluation, under the direction of the College of Education, for the period June 15, 1972 through November 30, 1972. (Grant No. OEG-0-72-7535)
19. \$59,513.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvement - Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50402-01)
20. \$57,941.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research and Faculty Training in Dental Anesthesiology - Training Grant, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 DE00291-01)
21. \$55,025.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50413-01)
22. \$54,906.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Post-doctoral Training in Neurological Surgery - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 NS05529-07)
23. \$50,108.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Hospital and Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50407-01)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

24. \$49,992.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Preparation for Leadership in Child Health Services, under the direction of the School of Nursing, for the period June 1, 1972 through May 31, 1973. (Grant No. 5 D10 NU00429-03)
25. \$38,004.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Experimental Psychology Graduate - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH08526-09)
26. \$37,026.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Dental Auxiliary Utilization Training - Training Grant, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D06 DH05044-11)
27. \$36,000.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Center for Lake Erie Area Research, under the direction of the Department of Zoology, with a completion date of May 31, 1973.
28. \$33,288.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Gastroenterology - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AM05569-02)
29. \$31,939.50 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Career Education for Disadvantaged Students, under the direction of The Center for Vocational and Technical Education, for the period May 1, 1972 through January 31, 1973. (Grant No. OEG-0-72-4355)
30. \$31,307.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatry - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH05924-22)
31. \$31,295.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH06530-16)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

32. \$30,591.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for The Biosynthesis of Neurohypophyseal Hormones, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 AM11519-05)
33. \$30,208.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing - Training Grant, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH06375-16)
34. \$29,449.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Research Training Physiological Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 T01 MH06748-15)
35. \$26,400.00 granted by State of Ohio, Department of Mental Hygiene and Correction, Ohio Departments Building, Columbus, Ohio, to the University for Detection and Implementation of Developmental Disabilities Through an Advocacy Model for Human Needs, for the period July 1, 1972 through June 30, 1973. (Grant No. 72-131)
36. \$26,250.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for Environmental Evaluation of a Nuclear Power Plant on Lake Erie, under the direction of the Department of Zoology, with a completion date of May 31, 1973.
37. \$21,870.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvement - Medical Records Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period April 1, 1972 through June 30, 1973. (Grant No. 1 D01 AH50410-01)
38. \$18,854.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work - Community Organization - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH10789-06)
39. \$16,933.00 granted by U. S. Atomic Energy Commission, Washington, D. C., to the University for graduate level trainees, under the direction of the Department of Mechanical Engineering (Nuclear), for the period September 1, 1972 through August 31, 1973. (Contract No. AT-(40-1)-3892, Modification No. 3)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

40. \$16,781.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatric Social Work Doctoral and Third Year - Training Grant, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH11981-04)
41. \$15,000.00 granted by U. S. Department of Transportation, National Highway Traffic Safety Administration, Washington, D. C., to the University for providing graduate training for research manpower in the field of highway safety, under the direction of the Graduate School, for the period July 1, 1972 through June 30, 1973. (Contract/Order No. FH-11-7357G)
42. \$11,273.20 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for a Division of Wildlife Upland Wildlife Ecology Research and Management Study, under the direction of the School of Natural Resources, for the period September 1, 1972 through August 31, 1973. (Project No. W-103-R-16, Study VI, Job VI-a)
43. \$11,032.00 granted by National Endowment for the Humanities, Washington, D. C., to the University for An Experimental Workshop on the Role of Performance in Education, under the direction of the Division of Comparative Literatures and Languages, for the period March 21, 1972 through September 30, 1972. (Grant No. ES-6552-72-352)
44. \$10,000.00 granted by U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for research by the Ohio Cooperative Wildlife Research Unit, under the direction of the Department of Zoology, for the period June 15, 1972 through June 14, 1974. (Contract No. 14-16-0008-1070)
45. \$9,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Faculty Development - Associate Degree Programs in Nursing - Training Grant, under the direction of the School of Nursing, for the period August 14, 1972 through August 18, 1972. (Grant No. 1 A12 NU00175-01)
46. \$5,900.00 granted by The Ford Foundation, 320 E. 43rd Street, New York, New York, to the University for an Advanced Study Fellowship for Black Americans, under the direction of the Graduate School, for the academic year 1972-1973. (Project No. 719-0022)
47. \$1,500.00 additional grant by Agency for International Development, United States Government, Washington, D. C., to the University for Rural Savings Capacity in Taiwan and Response to Economic Incentives, under the direction of the Department of Agricultural Economics and Rural Sociology. (Grant No. AID/ea-169, Amendment No. 1)

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through
The Ohio State University Development Fund

1. \$818,229.00 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--\$545,486.00 to be added to the Student Memorial Fund in the College of Dentistry and \$272,743.00 to be added to the Snyder Research Memorial Fund in the College of Medicine.
2. \$25,833.00 from the Associates of Medicine, Columbus, Ohio, for the general fund in the Department of Medicine.
3. \$15,000.00 from the Bremer Foundation, Youngstown, Ohio, for its scholarship fund.
4. \$13,693.57 from the American Medical Association, Chicago, Illinois--\$7,693.57 for the Faculty Seminar on Medical Education and \$6,000.00 for the College of Medicine Administrative Fund.
5. \$11,500.00 from the Estate of Mary C. Place, Lima, Ohio, for an endowed scholarship fund for students at the Lima Campus.
6. \$10,000.00 from A. Earl Cullum, Jr., & Associates, Dallas, Texas, to support the ElectroScience Laboratory Director's Fund.
7. \$10,000.00 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.
8. \$10,000.00 from State Auto Insurance Company, Columbus, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.
9. \$9,000.00 from the Mansfield O. S. U. Scholarship Fund, Mansfield, Ohio, for Mansfield Campus scholarships.
10. \$8,618.75 from Mr. Robert J. Weiler, Columbus, Ohio, for the University Activities Center Fund.
11. \$7,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for unrestricted research in Organic Chemistry.
12. \$6,937.00 from Mr. Alex Schoenbaum, Charleston, West Virginia, for his endowed fund to support graduate instruction and research in the field of business administration.
13. \$6,737.00 from Edgar Dale, Columbus, Ohio, to support the Edgar Dale project in the College of Education.
14. \$6,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through
The Ohio State University Development Fund (continued)

15. \$5,542.00 from Mrs. Howard E. (Catharine B.) Le Fevre, Newark, Ohio, for scholarships for students attending the Newark Campus.
16. \$5,000.00 from Jasam Foundation, Inc., Columbus, Ohio, for a project Opportunity For Disadvantaged Adolescents in the College of Education.
17. \$5,000.00 from Liqui-Box Corporation, Columbus, Ohio, for a project Opportunity For Disadvantaged Adolescents in the College of Education.
18. \$5,000.00 from Mr. Maurice A. Young, Youngstown, Ohio, for support of the Frank E. and Mary W. Pomerene Professor of Medicine.

C. Establishment of Named Funds

1. \$2,792.19 for the establishment of The Janet Harris Harding Scholarship Fund.

The Janet Harris Harding Scholarship Fund

The Janet Harris Harding Scholarship Fund was established July 7, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lowry W. Harding, Ph.D., 1941, Columbus, Ohio, in honor of his wife, Janet Harris Harding.

All gifts are to be invested in the University's permanent endowment, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Annual income is to be added to the principal until the fund reaches \$10,000. At that time, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Education and majoring in elementary education. First preference is to be given to one or more minority group students who have a strong interest in the area of mathematics and who have demonstrated academic ability and need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the senior faculty members in the Elementary Education Department and the Dean of the College.

Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

July 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Establishment of Named Funds (continued)

2. \$1,150.00 for the establishment of the Stadium Scholarship Dormitory Scholarship Fund.

Stadium Scholarship Dormitory Scholarship Fund

The Stadium Scholarship Dormitory Scholarship Fund was established July 7, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from students, alumni, and friends of the Stadium Scholarship Dormitory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually for scholarships, loans, or awards to qualified students. All scholarships, loans, or awards are to be made by the University Scholarship Committee.

Should the need for these scholarships, loans, or awards cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever, as determined by the Board of Trustees of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for student financial aids programs.

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V. APPROPRIATION AND TRANSFER OF FUNDS

In accordance with a requirement of the Auditor of State all transfers made among fund groups during the fiscal year 1971-1972 are reported below:

A. Transfer of Earned Indirect Costs

President Fawcett reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 149999, University Treasurer General Fund.

Administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; State of Ohio; Corporate and other organizations for fiscal year 1971-1972.

National Science Foundation

310112	Education	Schlessinger	\$ 5,042.07
310120	Education	Mayer	2,221.35
310121	Physics	Wigen	949.56

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

National Science Foundation (continued)

310126	Geology	Mayer	\$ 935.00
310127	Physics	Riley	573.95
310132	Sociology	Schwirian	1,007.65
310133	Geology	Spieker	1,372.38
310134	Mathematics	Riner	5,033.93
310135	Education	Mayer	2,313.09
310136	Physics	Riley	1,485.36
310137	Mathematics	Ross	3,318.01
310138	Engineering	Yarrington	1,756.61
310139	Pharmacy	Malspeis	1,303.00
310140	Chemistry	Meek	1,451.81
310141	Physics	Wigen	1,159.56

Total National Science Foundation	\$ 29,923.33
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U. S. Department of Health, Education and Welfare

320259	NIH - Pharmacology - Marks	\$ 4,746.49
320285	NIH - Medicine - Allen	833.38
320319	NIH - Pharmacy - LaPibus	2,037.78
320320	NIH - Physics - Nelson	2,053.04
320321	NIH - Psychiatry - Gregory	3,167.03
320322	NIH - Psychiatry - Gregory	7,263.68
320323	NIH - School of Nursing - King	2,685.16
320325	NIH - School of Social Work - Medhurst	2,515.44
320326	NIH - Veterinary Pathology - Cole	9,437.38
320327	NIH - Medicine - Warren	5,795.59
320328	NIH - Medicine - Weissler	3,763.84
320329	NIH - Obstetrics and Gynecology - Ullery	4,201.39
320330	NIH - Entomology - Wharton	3,180.19
320331	NIH - Psychology - Wickens	1,752.35
320332	NIH - Medicine - Cerilli	5,611.51
320333	NIH - Dentistry - Rosen	1,812.64
320334	NIH - Pharmacology - Hollander	1,825.12
320335	NIH - Physiology - Little	1,943.22
320336	NIH - Ophthalmology - Makley	4,696.10
320337	NIH - Surgery - Zollinger	6,618.66
320338	NIH - Otolaryngology - Saunders	6,830.64
320339	NIH - Dentistry - Trippy	4,583.56
320340	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,120.27
320341	NIH - Industrial Engineering - Rockwell	1,273.04
320342	NIH - Psychiatry - Marks	1,470.78
320343	NIH - Medicine - George	2,207.75
320344	NIH - Pathology - Gruemer	1,475.77
320345	NIH - School of Social Work - Medhurst	2,077.07

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education and Welfare (continued)

320346	NIH - Preventive Medicine - Shillito	\$ 4,430.47
320347	NIH - Psychology - Meyer	1,749.28
320348	NIH - Psychology - Siegel	4,345.81
320349	NIH - Psychiatry - Coddington	1,932.52
320350	NIH - Surgery - Hunt	4,546.08
320351	NIH - Psychiatry - Gregory	2,200.00
320352	NIH - Medicine - Skillman	3,283.00
320353	NIH - School of Social Work - Medhurst	629.68
320355	NIH - School of Social Work - Medhurst	1,403.17
320356	NIH - Medicine - Allen	1,293.71
320357	NIH - School of Nursing	6,314.03
320358	NIH - Pharmacology - Marks	3,815.56
320359	NIH - Psychiatry - Gregory	557.43
320361	NIH - Dentistry - Cavalaris	2,575.74
320362	NIH - Medicine - Balcerzak	2,400.74
320366	NIH - Psychology - Meyer	1,422.78
320367	NIH - Medical Microbiology	1,748.48
320372	NIH - Veterinary Physiology and Pharmacology - Hamlin	2,172.02
320373	NIH - Medicine - Warren	1,976.24
330041	PHS - Regional Medical Program - Pace	16,345.10
330057	PHS - Nisonger Center - Gibson	28,615.03
330068	PHS - Regional Medical Program - Pace	40,506.68
330113	PHS - Preventive Medicine - Keller	2,585.47
330118	PHS - School of Nursing - Bellam	3,640.62
330119	SRS - School of Social Work - Medhurst	6,154.02
330120	PHS - Nisonger Center - Gibson	4,754.12
330123	PHS - Preventive Medicine - Keller	7,779.87
330124	SRS - Physical Medicine - Johnson	5,567.81
330125	SRS - Speech Communication - Black	859.39
330126	SRS - School of Allied Medical Professions - Woods	1,061.08
330128	SRS - School of Allied Medical Professions - Grant	989.46
330129	PHS - School of Nursing - Pease	3,402.33
330130	SRS - Sociology - Nagi	948.00
340065	OE - Center for Vocational and Technical Education - Taylor	245,445.59
340097	OE - Graduate School - Barkan	2,119.85
340118	OE - Center for Vocational and Technical Education - Taylor	26,604.02
340130	OE - Education - Cunningham	17,560.26
340137	OE - Nisonger Center - Bardwell	1,559.65
340140	OE - Nisonger Center - Cavin	1,847.79
340163	OE - Center for Vocational and Technical Education - McCracken	5,136.58
Total U. S. Department of Health, Education and Welfare		<u>\$569,258.33</u>

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Government - Other

390006	AID - India - Education	\$	278.78
390014	AID - India - Engineering		372.24
390019	AID - Africa - Administrative Science (Prior Years)		(4,100.64)
390020	AID - Brazil - Agriculture		25,825.27
390034	AID - India - Agriculture		21,098.44
390035	AID - India - Agriculture		16,841.00
390052	AID - Administrative Science - Hurley		2,021.35
390063	USDA - Veterinary Medicine		12,917.81
390076	WPCA - School of Natural Resources - Taft		3,435.20
390080	Wright-Patterson Graduate Center		9,035.42
390083	AID - Uganda - Agriculture		3,366.14
390092	Peace Corps - Agriculture		1,233.75
390093	AID - Uganda - Agriculture		1,287.92
390094	Lockbourne AFB - Geodetic Science - Uotila		3,596.33
	Total U. S. Government - Other	\$	<u>97,209.01</u>

Miscellaneous

410098	State Library Board - Sisson	\$	2,925.17
410099	State Department of Education - Hoffman		532.18
410107	State Department of Education - Reese		2,258.00
410111	State Department of Education - Wigtel		431.20
531095	Ford Foundation - Nelson		780.00
531134	Sloan Foundation - Gassman		716.05
	Total Miscellaneous	\$	<u>7,642.60</u>

Grand Total		\$	<u><u>704,033.27</u></u>
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B. Transfers to Plant Funds

President Fawcett reported for information and the record that during the fiscal year 1971-1972, the following transfers were made from current funds to plant funds:

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Stadium Research Space - Phase II	801020	149999	\$ (2,342.61)
Laboratory Animal Center	801021	921400	47,202.00
West Union	801070	149999	(58,199.56)
Jones Tower Swimming Pool	801080	998295	16,433.53
Edward S. Drake Union	801083	149997	127,233.00

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Parking Ramp - Stadium Area	801092	921300	\$ (64, 806.12)
Undergraduate Library	801095	149997	111, 000.00
Ohio Union Garage	801111	921300	(26, 395.60)
Biological Sciences Building	801137	124358	6, 000.00
		921375	2, 688.00
		921400	2, 027.00
Derby Hall Remodeling	801158	149999	(1, 109.00)
Lazenby Hall Remodeling	801162	149999	(12, 185.67)
Brown Hall Remodeling	801165	149999	(4, 497.00)
Cockins Hall Remodeling	801181	120642	458.00
		149997	80, 000.00
Service Building - Police Station	801185	149999	(2, 951.45)
Veterinary Clinic and Animal			
Hospital	801192	149996	12, 705.00
Stadium Drive Improvement	801203	149999	(17, 514.75)
Animal Science Building			
Remodeling	801205	149999	(219.15)
Caldwell Laboratory Remodeling	801206	149999	(400.00)
Lazenby Hall Remodeling	801207	149999	(29, 598.74)
Ohio Stadium - Phase V	801225	200000	24, 550.85
Ohio Stadium - Artificial Turf	801226	522740	45, 514.62
		999000	200, 000.00
School of Nursing - Equipment	801227	152525	350.00
		330114	1, 400.00
Student Services Building	801233	149999	(2, 493.00)
Lord Hall Remodeling	801234	149999	(5, 285.00)
Main Library - Air Conditioning	801236	149999	(1, 198.53)
Security Improvements	801238	124358	(2, 804.10)
Lima Parking Improvement	801242	921353	20, 000.00
Brown Hall Remodeling	801243	149999	(5, 744.00)
Novice G. Fawcett Center for			
Tomorrow - Telecommuni-			
cations	801248	159500	25, 331.00
Arps Garage - Sealing	801250	921300	66, 383.00
Novice G. Fawcett Center for			
Tomorrow - Third Floor	801251	522374	147, 000.00
Newark Recreation Courts	801252	149994	40, 085.00
Agricultural Administration and			
Classroom Building - Park-			
ing Lots	801253	921300	45, 000.00
Ohio Stadium Lighting	801256	999000	5, 000.00
Stillman Hall Remodeling	801260	100784	11, 000.00
		531187	2, 500.00
		608960	1, 000.00
Marion Campus Parking Lot	801261	149969	19, 004.00

July 7, 1972 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Printing Facility - Air Condi- tioning	801264	911683	\$ 70,000.00
Plumb Court Parking Lot	801265	921300	29,478.00
Hospital Capital Reserve	809998	960200	1,926,948.00
Novice G. Fawcett Center for Tomorrow - Reserve	809999	522374	178,000.00
Total			<u>\$3,026,546.72</u>
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VI. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. School of Allied Medical Professions

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3,252,630.00	\$3,254,755.85	\$2,125.85

Revisions were made to separate court area drainage from overloaded sewer and divert surface water to storm sewer system assuring an adequate drainage system.

Funds for these revisions have been provided by Budget Account 016062 (School of Allied Medical Professions).

B. University School (Ramseyer Hall) - Renovation and Air Conditioning

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 323,060.00	\$ 326,958.82	\$3,898.82

The changes on this project represent deviations from the original specifications due to conditions found during the process of construction.

July 7, 1972 meeting, Board of Trustees

VI. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. University School (Ramseyer Hall) - Renovation and Air Conditioning (continued)

Funds for these revisions have been provided by Budget Accounts 019074 (Utilities and Renovations) and 801140 (Ramseyer Hall Renovation).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. University College - Building No. 13

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 6-22-72)		
Knowlton Construction Company		
(Bellefontaine, Ohio)		
Base bid	\$1,228,300.00	\$1,621,925.00
Alt. G-1 Bus stop shelter	- 50,800.00	+ 48,656.00
Alt. G-2 Interior brick walls	- 23,000.00	+ 25,000.00
Alt. G-3 Additional casework	- 9,500.00	+ 9,100.00
Alt. G-6 Carrels - Room 095	- 9,500.00	+ 8,810.00
Alt. G-8 Lecture hall seating	- 2,400.00	N/C
Total Contract	<u>\$1,318,700.00</u>	<u>\$1,713,491.00</u>
<u>Plumbing Contract</u>		
(9 bids received 6-22-72)		
J. A. Croson Plumbing and		
Heating, Inc. (Columbus)		
Base bid	\$ 96,400.00	\$ 121,200.00
Alt. P-1 Bus stop shelter	- 3,000.00	+ 4,000.00
Total Contract	<u>\$ 99,400.00</u>	<u>\$ 125,200.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(10 bids received 6-22-72)		
J. A. Guy, Inc. (Dublin)		
Base bid	\$ 497,300.00	\$ 541,875.00
Alt. H-4 Buffalo air handling units	+ 4,000.00	N/C
Total Contract	<u>\$ 501,300.00</u>	<u>\$ 541,875.00</u>

July 7, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. University College - Building No. 13 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
Electrical Contract (7 bids received 6-22-72)		
Burroughs Hatfield (Columbus)		
Base bid	\$ 369,606.00	\$ 355,000.00
Alt. E-1 Electrical work for bus shelters	+ 6,100.00	+ 5,000.00
Total Contract	\$ 375,706.00	\$ 360,000.00
Total All Contracts	\$2,295,106.00	\$2,740,566.00

Funds for this project have been provided from HB 988, Item 315-067, HB 531, Item 315-067, SB 457, Item 315-067.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

B. Erection of Educational Television Tower and Associated Facilities

At the December 3, 1971 meeting, this Board authorized the purchase of land on which an educational television transmitting tower is to be constructed. Bids for the construction of this tower are now scheduled to be received on July 12, 1972. Since these bids are valid for thirty days and the next meeting of the Board will not be held until early September, it was recommended that the President and/or the Vice President for Administrative Operations be authorized to award the contracts associated with this project as long as these bids are within the estimate of cost, and that the Board ratify this action at its September meeting.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by roll call vote with Mr. Eckley abstaining.

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VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

- 13 Approval of the award of three change orders, without competitive bidding, to the contractors working on the Health Sciences Library project.

July 7, 1972 meeting, Board of Trustees

VIII. CONTROLLING BOARD REQUESTS (continued)

- 14 Approves the purchase of the Elizabeth D. Bacon property consisting of 1.64 acres known as 5763 Godown Road, Columbus, Ohio, for \$25,000. Funding will be from appropriation in HB 988. Property is in the area adjacent to Don Scott Field where the College of Agriculture and Home Economics facilities from West Campus are being relocated.
- 15 Approves the purchase of the Herschel D. and Beryl L. Mitchell property consisting of 56+ acres located at 3025 West Granville Road, Columbus, Ohio, for \$588,000. This purchase is from University funds.
- 16 Approves the purchase of a lot located at 224 West 10th Avenue from Philip E. Carlin for \$19,000 using University funds.
- 17 Approves the purchase of 88 ft. off a lot located at 91-93 West Eleventh Avenue from Lillian K. Ink for \$31,000 using University funds.

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IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Acquisition of Property - 3025 Granville Road, Columbus, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, President Fawcett recommended that the 56 acre farm located at 3025 West Granville Road, Columbus, Ohio, be purchased from Herschel D. Mitchell and Beryl L. Mitchell with University Investment Portfolio funds.

The payment for the purchase is proposed to be made in four installments with the first payment due not later than September 1, 1972, and successive payments made on September 1 of each year thereafter until fully paid.

It was recommended further that the President and/or the Treasurer be authorized to execute the agreement to purchase the property as described above and the Promissory Note setting forth the terms of the installment purchase.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.

B. Easement - Mansfield Campus - Underground Telephone Facilities - United Telephone Company of Ohio

The Board of Trustees at the meeting on April 7, 1972 granted an easement to the City of Mansfield for the widening and improvement of the Lexington-Springmill Road on lands adjacent to the Mansfield Campus.

July 7, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Easement - Mansfield Campus - Underground Telephone Facilities -
United Telephone Company of Ohio (continued)

The widening and improvement will require the relocation of telephone facilities. The United Telephone Company of Ohio proposes to relocate and reinstall its lines underground.

President Fawcett recommended that an easement be granted to the United Telephone Company of Ohio giving permission to install an underground telephone facility adjacent to the Lexington-Springmill Road and that the President and/or the Treasurer be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the underground telephone facilities.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

C. Purchase of Buildings and Property - South Campus

President Fawcett recommended that the President and/or the Treasurer be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 1, John A. Evans College View Addition,
Columbus, Franklin County, Ohio, and more commonly known
as 91-93 West 11th Avenue from Lillian K. Ink, at a purchase
price of \$31,000.

Lot No. 14, University Heights Addition, Columbus, Franklin
County, Ohio, and more commonly known as 224 West 10th
Avenue from Philip E. Carlin, at a purchase price of \$19,000.

The parcels will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 for the purchase of the 91-93 West 11th Avenue property and Budget Account 921700 for the 224 West 10th Avenue property.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the above recommendation was approved by unanimous roll call vote.

D. Sale of Property - 463 King Avenue, Columbus, Ohio

Pursuant to the action taken by the Board of Trustees on April 7, 1972, relative to the sale of the 463 King Avenue property, proceeds from the sale to be used by the University to support cancer research in the College of Veterinary Medicine, President Fawcett recommended that the property be sold to the Battelle Memorial Institute at the appraised value submitted by MAI Appraisers.

July 7, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

D. Sale of Property - 463 King Avenue, Columbus, Ohio (continued)

The proceeds of this sale are to be placed in the permanent endowment fund, in memory of Norman W. Woelfel, and the annual income used for Cancer Research in the College of Veterinary Medicine.

It was recommended that the President and/or Treasurer be authorized to execute the necessary documents to consummate the sale of the property as described above.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Paul Clifford Kitchen, Professor Emeritus in the College of Dentistry, and Ervin H. Pollack, Professor and Director of Research Services in the College of Law. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Paul Clifford Kitchen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 16, 1972, of Paul Clifford Kitchen, Professor Emeritus in the College of Dentistry.

Dr. Kitchen was born in Toledo, Ohio. He received the degree of B.Sc. in Forestry from The Ohio State University in 1915. For two years he was an instructor in botany at Michigan State College where he earned the M.Sc. in 1917. As assistant, as ranger, and as examiner he was a member of the U. S. Forest Service until he entered dental college; in 1924 he was graduated from The Ohio State University with the degree D.D.S. After one year of private practice at Sycamore, Ohio, he returned to Ohio State as an instructor in oral histology and clinical dentistry.

In 1939 he became Professor of Dentistry and Secretary of the College of Dentistry. Dr. Kitchen's fields of interest and teaching were dental histology and embryology, dental anatomy and dental research. He was a member of Sigma Xi, Omicron Kappa Upsilon, and the Faculty Club. He also served on numerous University committees. His many achievements and appointments included the D.Sc. (hon.) in 1941 from Washington University, St. Louis; Secretary, Subsection on Dentistry, American Association for the Advancement of Science 1939-42; President, International Association for Dental Research 1938; Secretary, Committee on Research, American College of Dentists 1941-46; and, Vice President in 1949; Chairman, Dental Study Section 1946-49; and member of the Advisory Council, National Institute of Dental Research of the

July 7, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Paul Clifford Kitchin (continued)

U. S. Public Health Service 1949-52. In the American Dental Association he served as Chairman, Research Section 1935 representative, Division of Medical Sciences, National Research Council 1949-54, and member of the Council on Therapeutics 1952 to date. In 1953 he was the recipient of the Callahan Award of The Ohio State Dental Association. He was a consistent contributor to dental periodical journalism particularly in the field of research.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Ervin H. Pollack

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 9, 1972, of Ervin H. Pollack, Professor and Director of Research Services in the College of Law.

Dr. Pollack was born in St. Louis, Missouri, on April 19, 1913. After undergraduate work at St. Louis University, he received his Juris Doctor degree from Washington University in 1939 and was admitted to the Missouri Bar in the same year. He served as Assistant to the Librarian, Columbia University, from 1939 to 1941, and was Librarian for the New York City law firm of Hays, Podell & Shulman in 1942. From 1942 to 1947 he was Secretary, Office of Price Administration, Washington, D. C.

In 1947 Dr. Pollack came to The Ohio State University as Assistant Professor and Librarian. He became Associate Professor in 1950 and Professor and Director of Research Services in 1959. Under his dedicated leadership, the library of the College of Law grew from 69,000 to 305,000 volumes. It now ranks as the sixth largest academic law library in the United States. He developed systems of classification and staff organization which make the library one of the most functional in the world.

Dr. Pollack earned an international reputation as a legal scholar. He founded the Ohio Association of Law Libraries and served as its first President in 1949-50. He was President of the American Association of Law Libraries in 1958-59. His Fundamentals of Legal Research is widely used as a text and reference work. His many other publications include Ohio Court Rules Annotated, Ohio Unreported Judicial Decisions, Brandeis Reader, and Human Rights. At his death he was consultant to the Agency for International Development on a project for publication of Central American Economic Integration Law.

July 7, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Ervin H. Pollack (continued)

Dr. Pollack was a member of the Order of the Coif, Torch Club, the Ohio State Bar Association, the American Bar Association, and the International Association for Philosophy of Law and Legal Philosophy. He was a trustee of the Ohio Legal Center Institute and a Fellow of the Ohio State Bar Association Foundation.

The Ohio State University was the beneficiary of Dr. Pollack's talents in many ways. At his death he was Chairman of the University Rules Committee. He served as Chairman of the Advisory Board for Religious Affairs, as a member of the University Centennial Committee and as Chairman of the College of Law Centennial Committee. He received the University Centennial Service Award.

Dr. Pollack taught in the area of jurisprudence, legal process, legal research and writing, and trade regulation. He relentlessly pursued excellence in all that he undertook and was a man of the highest professional standards and integrity. His many achievements as scholar, teacher, and administrator warrant a special place for Dr. Pollack in the history of legal education.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XI. REPORTS

A. Report on Actions Taken by
Ohio Board of Regents

President Fawcett reported that the Ohio Board of Regents at its meeting on May 19, 1972, approved the

Awarding of the Bachelor of Science in Natural Resources degree
by The Ohio State University;

and at the meeting on June 19, 1972, approved the

Increase in fees for The Ohio State University	
Instructional Fee, Undergraduate, Central	\$210
Instructional Fee, Undergraduate, Branches	200
Instructional Fee, Graduate and Graduate	
Professional	270
Tuition Surcharge	350

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing report by unanimous voice vote.

XI. REPORTS (continued)

B. Benefit Improvements in Health Insurance for University Employees

Mr. Gushman presented the following recommendation on behalf of the Retirement and Insurance Committee:

The Retirement and Insurance Committee of the Board of Trustees recommended that the following improvements in the University employee benefit program be adopted.

That the John Hancock Mutual Life Insurance contract covering eligible University employees be amended to include the following changes effective 12:01 a.m., August 1, 1972.

- (1) Include an improved surgical coverage increased from \$300 schedule to a \$450 schedule. Obstetrical coverage under the \$450 surgical schedule is increased from \$50 to \$100 for normal delivery with corresponding increases for Caesarean and miscarriage. Maternity benefits immediately available on effective date for existing pregnancies.
- (2) Full usual, customary and reasonable emergency outpatient coverage for acute medical sickness and emergency first aid benefit for accidents, rendered in a hospital or elsewhere within 24 hours and after the accident or upon onset of the sickness.
- (3) Extend basic surgical and major medical coverage to the surviving spouse (and other eligible dependents) of an insured employee whose death occurs while actively employed at the University.

That the University's Blue Cross contract be amended for eligible University employees to include the following changes to be made effective 12:01 a.m., August 1, 1972.

- (1) Extended coverage for unmarried dependent children from age 19 to age 23.
- (2) Improved maternity coverage under Blue Cross to full coverage of hospital expenses for both mother and child (or children). Maternity benefits immediately available on effective date for existing pregnancies.
- (3) Full usual, customary and reasonable emergency outpatient coverage for acute medical sickness and emergency first aid benefit for accidents, rendered in a hospital or elsewhere within 24 hours after the accident or upon onset of the sickness.

July 7, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

B. Benefit Improvements in Health Insurance for University Employees
(continued)

Detailed statements on the foregoing amendments including funding requirements are on file with the official records of the Board of Trustees.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the foregoing recommendation was approved by unanimous roll call vote.

C. Interim Housing for the President

Mr. Shocknessy recommended that:

the Secretary of the Board be authorized, on behalf of the Board of Trustees, to enter into an agreement for the purpose of providing a temporary residence and necessary furnishings, adequate to support the official responsibilities of the President, as selected by and for the President-Elect and Mrs. Enarson.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the recommendation by unanimous roll call vote.

D. Report of the Board of Trustees Special Committee on Presidential Housing

On June 16, Chairman Eckley appointed a special committee for the purpose of making recommendations to the Board relative to suitable housing for Dr. and Mrs. Enarson. The membership of this committee includes, Robert S. Dorsey, John H. Dunlap, Don M. Hilliker, Howard D. Sirak, and James W. Shocknessy, Chairman. The Chairman requested Edward Q. Moulton to serve as Secretary of the Committee.

Dr. Moulton read the following report:

At the first meeting of the Committee held on June 20, a statement was presented from Dr. Enarson in response to an inquiry from Mr. Shocknessy in which Dr. Enarson stated his desire to live off-campus. The Committee indicated that it would support Dr. Enarson's request and directed the Secretary to proceed to examine with President-Elect and Mrs. Enarson the availability of suitable off-campus housing for the purpose of making a recommendation to the Committee as soon as possible.

The second meeting of the Committee was held on June 28. President-Elect Enarson who was in attendance at this meeting informed the Committee that he and Mrs. Enarson had spent several days in this community reviewing a number of houses that might be acquired by the Board for the President's house. Dr. Enarson concluded that, while he and Mrs. Enarson would be willing to live in whatever housing accommodations the

July 7, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

D. Report of the Board of Trustees Special Committee on Presidential Housing (continued)

Dr. Moulton's report (continued)

Trustees deemed appropriate as a residence for the President, Mrs. Enarson and he were unable in the limited time available to recommend a house which in their judgment would be suitable as a President's house. The various houses were not judged suitable primarily because of the limited amount of entertainment space and the excessive amount of bedroom and other unneeded space.

Because of the obvious need for additional time necessary to find suitable permanent housing, Dr. Enarson suggested that an interim arrangement be made for the acquisition of an apartment since this would appear to be the only satisfactory answer available at this time. The Chairman of the Committee, with the unanimous concurrence of the Committee members, supported Dr. Enarson's recommendation and directed the Secretary to prepare a resolution to this effect for consideration by this Board.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees accepted the report by unanimous roll call vote.

E. Report on the University's Investment Portfolio

The report dated July 7, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees

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XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT AND HONORARY DEGREE FOR MRS. FAWCETT

Mr. Shocknessy made the following statement:

The Chairman has shown me the high honor and distinct privilege of being able to offer two resolutions. It is indeed a high honor and I wish to thank the Chairman for granting me this opportunity, because, I have, probably, the longest tenure of anyone on the Board at this time.

For 18 months or so we have, by every means we could, attempted to show and have shown our affection and respect for President Fawcett and his wife. We took occasion to establish a precedent in naming a building on this campus for him and today at the last meeting

July 7, 1972 meeting, Board of Trustees

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT
AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

Mr. Shocknessy's statement (continued)

that President Fawcett will attend, as President of The Ohio State University, (unless the Chairman has to call a special meeting), we want to show our affection to him and his wife by adopting the following resolutions which I shall now read with great pride and great affection.

RESOLUTION

WHEREAS. . .this is President Novice G. Fawcett's final official meeting with the Board of Trustees of The Ohio State University; and

WHEREAS. . .President Fawcett has been widely recognized and acclaimed by the President of the United States, the Ohio General Assembly, the alumni of this University, the media and his many friends and associates for his over sixteen years of truly distinguished service to this University; and

WHEREAS. . .during President Fawcett's tenure, The Ohio State University has provided the widest educational opportunity and stimulated dramatic growth, substantially enhanced its quality, increased the national and international scope of its programs, and placed it among the world's preeminent institutions of higher learning; and

WHEREAS. . .during the period of his presidency, The Ohio State University has graduated more than 100,000 outstanding young men and women who are making significant contributions throughout the nation and the world; and

WHEREAS. . .on August 31 when President Fawcett retires as President of this University, he will leave to his successor a fiscally sound, well-managed University that is blessed with high-quality faculty; that has high academic standards; that has one of the finest educational facilities in the country with a coordinated plan for continued growth; that has extended its teaching role across the state through four regional campuses and greatly expanded opportunities in continuing education; that has developed an extensive library collection and has received international recognition as a leader in making its library resources readily accessible through the most advanced techniques; and that has been bold in its use of advanced educational tools to enhance the learning process;

July 7, 1972 meeting, Board of Trustees

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT
AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

THEREFORE, BE IT RESOLVED. . .that in addition to this Board's earlier expression of gratitude for his distinguished leadership by naming The Novice G. Fawcett Center for Tomorrow in his honor, we now wish to express our deep respect and appreciation for President Fawcett's service to this University by official action designating him President Emeritus, effective September 1, 1972, and, upon the recommendation of the Faculty Advisory Committee to the President and the Board of Trustees, award him the honorary degree, Doctor of Laws, at the next commencement.

RESOLUTION

WHEREAS. . .Marjorie Keener Fawcett had made invaluable contributions to The Ohio State University; and

WHEREAS. . .she has been an exemplary first lady, adding greatly to the stature and dignity of the President's office; and

WHEREAS. . .she has been an outstanding member of the Ohio community and has earned the admiration of countless thousands of students, faculty, alumni and citizens for her unstinting dedication to the University and to the well-being of society;

THEREFORE, BE IT RESOLVED. . .that the Board of Trustees of The Ohio State University unanimously approve the faculty recommendation that Marjorie Keener Fawcett be awarded an honorary degree, Doctor of Humane Letters, at the next commencement.

The Board of Trustees approved the awarding of the honorary degree and emeritus title to President Fawcett and the honorary degree to Mrs. Fawcett by unanimous acclamation.

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July 7, 1972 meeting, Board of Trustees

XII. HONORARY DEGREE AND EMERITUS TITLE FOR PRESIDENT FAWCETT
AND HONORARY DEGREE FOR MRS. FAWCETT (continued)

President Fawcett responded to the foregoing resolutions:

All this has come without anticipation on my part. I thought that when you acted last month, you had done what you could and should (or shouldn't) have done and that I was finished with trying to say goodbye. There are two things I really can't do--the first one is that I can't say goodbye to you people and; the second one is that I have no way to respond to accolades of this kind--(I said to somebody recently, I suppose, primarily, because I haven't had much experience). But, I did just want to say a word to you as you leave here today.

This morning it suddenly occurred to me that there was a fact or a figure or two I would like to get, and Faye Smith very graciously found one of those. I guessed at the other one. I think probably today marks something like the 168th Board of Trustees meeting that I have attended and in which I have had some official part. Because of this fact, I believe what I really want to do is to admit something to you that I have never admitted to anybody. I have agonized before every one of these meetings. I have worried about you as people, and about you as a Board, and have tried to respond in terms of what, I guess, I always hoped would be in the best interest of the institution. I have tried very hard always to be knowledgeable about any recommendation I made to this Board. Since I assumed responsibility for every recommendation, I tried to brief myself or to be briefed by others to a point that must have exasperated some of my colleagues who probably wished at times that I would have gone home and gone to bed. I pay great tribute to them because of the splendid manner in which they always tried to support my convictions. It was my view that unless I could come here and somehow say to you, 'I believe this,' you couldn't have voted for what you voted for and could not have had faith in my recommendations. So that summarizes one thing.

The other thing is that there have been 26 trustees with whom I have served, and I remember the first day I ever went to a Trustees' meeting. I recall it was Mr. Huffman, Mr. Ketner, Mr. Black, Mr. Dargusch, Mr. Bricker, Mr. Kettering, and Mr. Gorman. I don't know if that is seven or not--there were seven. Since that time, there has been a succession of these people, each of them a very unique person in his own right--strong-minded, difficult to live with at times--but wonderful human beings, always giving unselfishly of their time and their energy and their substance to this institution. That is really something in my book. I can't tell you what that has meant to me, so I just want to pay this tribute to my colleagues on the staff, and to say to you that everyone of you has meant something very special to me.

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July 7, 1972 meeting, Board of Trustees

The Board of Trustees received the following Resolution adopted by the 109th General Assembly of Ohio commending President Novice G. Fawcett on the occasion of his retirement:



OHIO SENATE

A RESOLUTION

BY

MESSRS. SHAW-FRY-McNAMARA-MRS. JONES-
MESSRS. PEMBERTON-L. HUGHES-NORRIS-HALE-BAUMANN

In grateful recognition of the many accomplishments of President Novice G. Fawcett of The Ohio State University for his four decades of selfless and faithful service to elementary, secondary, and higher education in Ohio.

WHEREAS, The members of the 109th General Assembly of Ohio take this opportunity to commend President Novice G. Fawcett of The Ohio State University, on the occasion of his retirement; and

WHEREAS, President Fawcett began his long and illustrious career devoted to public service as a teacher, coach, and Superintendent of Schools in Gambier, Ohio, continued by serving as Superintendent of Schools in Defiance, Bexley, First Assistant Superintendent in Akron, Superintendent in Columbus, and President of The Ohio State University; and

WHEREAS, Novice G. Fawcett, being a member of Phi Beta Kappa, graduating from Kenyon College Magna Cum Laude, earning the Masters Degree from The Ohio State University, and being awarded honorary doctoral degrees from fourteen colleges and universities, is an educator of the highest calling; and

WHEREAS, During his presidency of The Ohio State University from the period August 1, 1956, until September 1, 1972, more than half of the University's 200,000 degrees have been awarded; four regional campuses have been established extending the University's teaching role to thousands more Ohioans; enrollment has grown from just over 22,000 to more than 50,000; a hundred major construction projects have been executed bringing the University's physical plant replacement value to more than an estimated \$700 million; a program of endowed professorships and chairs has been established; development and implementation of a University Master Plan has occurred; library volumes have more than doubled and the world's first on-line computerized library circulation system was placed into operation; a highly functional central administrative organization that is considered a model for institutional decision-making has been established; and

WHEREAS, President Novice G. Fawcett has been of great assistance to the General Assembly in enunciating the needs of The Ohio State University so effectively that it has truly maintained and expanded its position as a national and international university; and

WHEREAS, Novice G. Fawcett, a farm boy from a modest Knox County Ohio background, has never lost his great love for youth and concern for their problems, and has worked tirelessly as a teacher, administrator, leader, civic and business participant and decision-maker; therefore be it

RESOLVED, That we, the members of the 109th General Assembly of Ohio, in adopting this resolution, do hereby commend President Novice G. Fawcett, a devoted and sincere administrator, an outstanding President, and a dedicated servant of The Ohio State University and the people of the State of Ohio; and be it further

RESOLVED, That the Clerk of the Senate transmit duly authenticated copies of the Resolution to President Novice G. Fawcett of The Ohio State University, to the Ohio Board of Regents, and to the Board of Trustees of The Ohio State University.



I, Harry V. Jump, hereby certify
that the above is a true and correct copy
of Senate Concurrent Resolution No. 57.

Harry V. Jump
Harry V. Jump, Clerk of the Senate

July 7, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, September 8, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman

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APPENDIX I

Revision of Rules for the University Faculty

Repeal Rules 29.01 through 29.25 and
Rules 29.2713 and 29.2717

Add new Rule 28.00

Add new Rules 28.01 through 28.19 to
effect formation of University Senate

Approved by Faculty Council June 7, 1972

Adopted by Board of Trustees July 7, 1972
(See page 4)

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Revision of Rules for the University Faculty

The Faculty Council on June 7, 1972, approved the proposal for the establishment of the University Senate. In order to effect this reorganization, the following changes in the Rules for the University Faculty were proposed:

- (1) Repeal Rules 29.01 through 29.25 and Rules 29.2713 and 29.2717.
- (2) Add new Rule 28.00 to provide for changes in existing rules.
- (3) Add new Rules 28.01 through 28.19 to effect the formation of the University Senate.

28.00 UNIVERSITY SENATE

Effective Autumn Quarter 1972 there shall be a University Senate with the powers, composition, and organization as given in the following sections:

Wherever any previously adopted rules for the University Faculty are found to be inconsistent with the provisions of Rule 28.00 through Rule 28.19, the previous rule shall be held to be inapplicable. In all of the By-Laws of the Board of Trustees and the Rules for the University Faculty and until such time as they shall be reprinted, the words, "Faculty Council," are to be replaced with "University Senate," the words "Faculty Advisory Committee to the President and the Board of Trustees," are to be replaced with "Steering Committee of the University Senate," and the words "Rules Committee," are to be replaced with "Committee on Rules and Senate Organization."

28.01. Membership

There shall be a University Senate, a unicameral body constituted as follows:

- (a) Voting Members: The voting Members of the Senate* shall consist of

24 Administration Members
68 Faculty Members
40 Student Members

Any change in the number of Members representing one of the three categories shall necessitate an adjustment in the total Membership in order to maintain to the nearest percent the ratio of these numbers.

- (b) Non-Voting Members: Senate Members entitled to participate in deliberations but not to vote nor to make motions shall include the University Ombudsman, the Director of Alumni Affairs, and one representative elected by and from the Intra-University Counselors' Organization.

*Throughout this document the word "Senate" shall be taken to mean the University Senate.

Revision of Rules for the University Faculty (continued)

28.03. Term of Office

Ex officio Members serve by virtue of their position and shall have no fixed term of office.

Faculty Members shall serve three-year terms, with one-third being elected each year; they shall be ineligible for one year for re-election. [Members of the present Faculty Council shall serve out their terms as members of the Senate].

Student Members shall serve one-year terms and be eligible for re-election.

The Intra-University Counselors' Organization shall determine the length of term of its representative.

Except that the University College Council shall have the option of deferring the selection of its representative until sometime during the Autumn Quarter, the regular term of office shall begin on the first day of the Autumn Quarter next succeeding the Member's election or appointment.

28.05. Representation and Methods of Selection

- (a) The 24 ex officio Members from the Administration shall consist of the University President; the Provost and Vice President for Academic Affairs; the Vice President for Administrative Operations; the 16 Deans of the Colleges; the Dean of the Graduate School; the Director of the Libraries; the Secretary of the University Faculty; and two other members to be designated by the President for each Senate meeting from among the following administrators: the Executive Vice President, the Vice President for Development,

the Vice President for Educational Services, the Vice President for Student Affairs, the Vice President for Medical Affairs, the Vice Provost for Arts and Sciences, and the Vice Provost for Minority Affairs.

- (b) The 68 Faculty Members of the Senate shall be elected by the University Faculty on Regular Contract.

- (1) Elections of the Faculty Members of the Senate shall be administered and supervised by a committee of three persons chosen from and by the Faculty Membership of the Senate. This committee shall be known as the Committee on Faculty Elections. It shall be elected by the Faculty Membership, upon written nomination by Faculty Members of the Senate submitted to the Faculty Membership at least 7 days prior to the election. Each autumn the Faculty Membership shall elect one member to the Committee, who shall serve for three years. Should a member of the committee resign before completing his term of office, the Faculty Membership shall elect a Faculty Member to serve out the unexpired term. [The present members of the Committee on Elections for the Faculty Council shall serve out their term of office as members of the Committee on Faculty Elections.] All decisions of this committee shall be subject to the approval of the Faculty Membership of the Senate.

- (2) Each college and each Regional campus shall constitute an election district; so shall the Library; so shall the combined Departments of Military, Naval, and Air Force Aerospace Studies. Each election district shall elect the number of members specified by the Committee on Faculty Elections. Each election district shall elect at least one Member. No person is eligible to represent one election district while serving as representative of another.

- (3) Elections shall be held in the Spring Quarter of each year for terms beginning in the following Autumn Quarter. Each Member shall be elected for three years and shall for one year thereafter be ineligible for election. Service to complete an unexpired term and service as an Alternate do not make one ineligible for immediate re-election.
- (4) The Committee on Faculty Elections shall determine which election districts are entitled to more representatives than one in accordance with the following formula:
 - a. Determine how many University faculty members within the election district are on Regular contract and are based at least 75 percent on the Columbus or a Regional campus;
 - b. Apportion the elected membership so that each election district is represented in that proportion which its membership as described above bear to the total of such members in the University, but each district shall have at least one representative.
- (5) Faculty Representatives from the Colleges, from the Library, and from the combined Departments of Military, Naval, and Air Force Aerospace Studies shall be elected in the following manner. The Committee on Faculty Elections shall solicit from the faculty of each election district nominations for representatives to be elected from that district. The Committee on Faculty Elections shall then make up a ballot containing names three times the number of representatives to be elected. It shall place on the ballot the names of those persons most often nominated. However a person's name shall not be placed on the ballot until he has consented to its being placed there.

The Committee on Faculty Elections shall mail the ballots to University faculty members on Regular contract wherever located. Faculty members shall then mark their ballots and return them to the Committee on Faculty Elections by mail. The Committee shall declare those persons who received the largest number of votes within an election district to be the elected Members from that district. Those who receive the next largest number of votes shall be declared Alternates. There shall be as many Alternates as Members in each election district.
- (6) Faculty Representatives from Regional campuses shall be elected in accordance with procedures developed by the faculty of each campus.
- (7) In the event of vacancy during the term of an elected Faculty Member, the Faculty Members of the Senate shall elect a successor from the same election district to serve until the next general election, when the vacancy shall be filled by election for the unexpired term.

Revision of Rules for the University Faculty (continued)

If a Faculty Member is to be absent for three quarters or more, but wishes to serve the rest of his term following his absence, the Faculty Members of the Senate shall elect a substitute from his election district.

(c) The 40 Student Members shall be apportioned and selected as follows:

(1) 25 Undergraduate Students to be apportioned in the following manner:

1 The President of the Undergraduate Student Government

6 Six Students to be elected directly by their constituencies according to procedures to be determined by the Undergraduate Student Assembly to represent the following constituencies:

Apartment and Rooming House Districts (2 representatives)

South Campus Student Association (1 representative)

West Campus Student Association (1 representative)

North Campus Student Association (1 representative)

Town Students (1 representative)

18 Eighteen Student Members to be elected according to procedures to be determined by the Council of Governments, one to represent each of the following constituencies:

10 One to represent each of the following Colleges:

The Arts, Biological Sciences, Humanities, Math and Physical Sciences, Social and Behavioral Sciences, Administrative Science, Agriculture and Home Economics, Education, Engineering, Pharmacy.

1 Representing University College

1 Representing Black Students

1 Representing Women's Self Government Association

1 Representing Interfraternity Council and the Panhellenic Association

4 Representing the Regional

Campuses:

Lima Campus

Mansfield Campus

Marion Campus

Newark Campus

Wherever reasonable, Members must be elected by direct constituency election.

(2) 5 Five Student Members to be elected according to procedures to be determined by the Inter-Professional Council, one to represent each of the following graduate professional colleges:

Dentistry

Optometry

Law

Veterinary Medicine

Medicine

Revision of Rules for the University Faculty (continued)

- (3) 10 Ten Student Members to be elected according to procedures to be determined by the Council of Graduate Students, one to represent each of the following graduate areas:

Administrative Sciences	Humanities
Agricultural Sciences	Physical Sciences and Mathematics
The Arts	Professional Biological Sciences
Biological Sciences	Social and Behavioral Sciences
Education	
Engineering Sciences	

- (4) In the event of a vacancy during the term of an elected Student Member, the Council, Assembly, or other governing body of the constituency which he represents shall elect a replacement to serve until the next general election.

(d) **Qualifications for Membership**

To be eligible for service as Members or Alternate Members of the University Senate:

Faculty Members must be on Regular appointment at least three quarters each year.

Undergraduate, graduate, and professional students must be in good standing and enrolled each quarter (except for Summer Quarter), and shall remain members of the constituencies which they were elected to represent.

28.07. Alternate Members

When a regular Member is unable to attend a meeting of the University Senate, he shall notify the Secretary in advance of the meeting, giving the name of the Alternate who will replace him. The Alternate so designated shall then have the general powers and privileges in the University Senate of the person whom he replaces.

- (a) An Administration Member shall designate an Alternate from the Administration.
- (b) A Faculty Member shall designate an Alternate from those elected as Alternates in his own election district.
- (c) A Student Member shall designate an Alternate from his constituency in one of the following ways:
 - (1) The President of the Undergraduate Student Government shall name his own Alternate from the Undergraduate Student Body.
 - (2) If elected from the Student Assembly group, Student Assembly shall declare as Alternates either the runners-up in the Senatorial election or the elected members of Student Assembly.
 - (3) If elected from the Council of Governments group, the Alternate from each constituency shall be the runner-up in the Senatorial election.
 - (4) If elected from the Graduate Professional Colleges group, the Alternate from each college shall be the runner-up in the Senatorial election.
 - (5) If elected from the Graduate Student group, the Alternate from each graduate area shall be the runner-up in the Senatorial election.

28.09. Powers

The University Senate, subject to the authority of the Board of Trustees, shall have the power:

- (a) Under delegation by the University Faculty
 - to establish the educational and academic policies of the University,
 - to recommend the establishment, abolition, and alteration of educational units and programs of study,
 - to recommend to the Board of Trustees candidates for Honorary Degrees,
 - to recommend candidates for degrees and certificates (which power shall be reserved to the Faculty and Administrative Members of the University Senate);
- (b) To consider, to make recommendations concerning, and (in pursuance of rules pertaining to the University) to act upon matters relating to the rights, responsibilities, and concerns of students, faculty, administrators, and staff.

28.11. Procedures for Reconsideration

Upon petition by 10% of the Student Body or 10% of the Faculty, the Senate shall reconsider any action which it has taken.

28.13. Relationship to Other Bodies

Subject only to the provisions listed below in this section, the representatives to the Senate of the Administration, of the Faculty, and the Students shall have the right to meet separately and to organize themselves in whatever manner they shall deem appropriate. As far as the Senate is concerned, these bodies represent separate Memberships. They may initiate proposals and submit them to the University Senate for consideration. The Senate, however, shall be independent of these bodies, and its actions shall not need their concurrence nor be subject to their review.

The members of the Administration shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Administration.

The elected Faculty representatives to the Senate shall form the Faculty Membership. [Initially the Membership shall consist of those members already elected to serve on the Faculty Council.] The Faculty Membership shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Faculty Membership.

The Student representatives to the Senate shall form the Student Membership and shall designate to the Program Committee one person or officer responsible for submitting to the Senate those proposals and recommendations which come in the name of the Student Membership. The Student Membership shall establish an Elections Committee, which shall be responsible for assuring that the selection of Student Members to represent the several constituencies is made in accordance with the provisions of these Rules.

Nothing in the above shall be construed as restricting the right of a principal standing committee or of individual Members speaking for themselves to submit proposals for Senate action to the Program Committee, or directly to the Senate.

28.15. By-Laws of the Senate

The University Senate shall have the power to organize itself and to make such By-Laws for its own proceedings as shall not contravene the sections of the Ohio Revised Code applying to the University, the By-Laws of the Board of Trustees, or the Rules of the University. The Senate's By-Laws may be amended at any time by a majority of Senate Members present and voting thereon. The By-Laws shall also be the subject of review by the Committee on Rules and Senate Organization at the beginning of each new Autumn session of the Senate.

BY-LAWS FOR THE UNIVERSITY SENATE

SECTION 1: Rules of Order

Unless otherwise indicated, all meetings of the University Senate shall be conducted in accordance with Robert's Rules of Order.

SECTION 2: Meetings

The Senate shall meet at least once each month during the Autumn, Winter, and Spring Quarters. Special meetings may be scheduled by the majority vote of Senate Members present and voting. Special meetings shall also be held at the call of the President of the University or at the call of the Steering Committee. If 25 or more Senate Members request in writing a special meeting, it shall be called and held. If specifically requested in the petition, it shall be held within four calendar days after the receipt of the petition by the President or by the Chairman of the Steering Committee.

Written notice of the time and purpose of all meetings shall be given to all Members of the Senate in advance of the meeting.

Meetings of the University Senate shall be open to the public and to the media unless they have been designated closed by the Program Committee and such designation has not been over-ruled by a majority vote of the Members of the Senate present and voting thereon. A majority of Senate Members present and voting may also designate a meeting or a portion of a meeting closed.

SECTION 3: Agenda

The Senate shall prepare its own agenda, and the Program Committee of the Senate shall serve as the agenda committee. The Senate's agenda shall include all matters referred to the Program Committee by individual Members, members of the Administration, the Faculty membership and the Student membership as well as all matters referred by the various special and standing committees of the Senate, including the Program Committee itself. The agenda may also include items referred to the Senate by any member of the University community.

The agenda shall be mailed to Members at least seven calendar days prior to the Senate meeting, and the Program Committee shall also provide for its publication in the Lantern prior to each regular meeting.

SECTION 4: Order of Business

The order of business shall include:

- (1) Call to order
- (2) Reading and approval of the minutes
- (3) Special Orders
- (4) Reports from the Colleges

Revision of Rules for the University Faculty (continued)

- (5) Reports of the principal Standing Committees
- (6) Reports of special committees, Councils and Boards
- (7) Reports of the Administration, the Faculty Membership and the Student Membership
- (8) Unfinished Business
- (9) New Business
- (10) Comments and Announcements
- (11) Adjournment

SECTION 5: Floor Privileges

Proposals, measures, and resolutions shall be introduced on the Senate floor by Members of the Senate only. Members of the University community who are not Members of the Senate may be granted the right to speak, but not to vote, on matters before the Senate. When a request is made for this privilege, the Chair shall ask the Senate for objections and, hearing none, shall grant permission to speak. If objections are raised, the privilege shall be extended only by a majority vote of the Members present and voting.

SECTION 6: Quorum and Voting

A simple majority of the membership of the University Senate shall constitute a quorum for the conduct of the Senate's business.

Action by the Senate shall be by a majority of Members present and voting and shall normally be by voice vote, except as otherwise required by these Rules or by Robert's Rules of Order.

When a division of the Senate is taken, the Chair shall include the division when announcing the results.

SECTION 7: Proposals for Senate Action

Any member of the University community may submit proposals for Senate action to the Program Committee. Items referred by committees of the Senate, by the Faculty Membership, by the Administration Membership, and by the Student Membership shall be scheduled for Senate consideration. Proposals originating elsewhere may be referred by the Program Committee to an appropriate committee for further study, and this disposition shall be reported to the full University Senate. Members of the Senate shall have the right to submit proposals directly to the Senate.

SECTION 8: Committee Reports

The majority of the members of any principal standing committee of the Senate may report on any matter before the committee. A majority of the Members of the Senate present and voting may require a standing committee to report at the next regular meeting of the Senate.

SECTION 9: Staff

To the extent possible and provided for in the University's budget, the University shall furnish staff assistance to the University Senate and to its committees in connection with its official business, as may be authorized by the Steering Committee of the University Senate.

SECTION 10: Student Attendance

Student Members shall not be penalized for missing classes and related academic activities while attending meetings of the Senate or its committees. Students will be expected to complete usual course requirements.

SECTION 11: Minutes and Reports of Senate Meetings

Official minutes of Senate meetings shall be taken and kept by the Secretary of the University Faculty. A report on the deliberations and actions taken at each Senate meeting shall be prepared by the Program Committee and published in the **Lantern**.

28.17. Presiding Officer

The President of the University shall be the presiding officer of the University Senate. In the absence of the President or at his request the Provost and Vice President for Academic Affairs shall preside. In the absence of both the President and the Provost, the Chairman of the Steering Committee shall preside.

28.19. Committees

- (a) **Organizing Committees:** The University Senate shall have the following three organizing committees:
 - 1. Steering Committee
 - 2. Program Committee
 - 3. Committee on Rules and Senate Organization
- (b) **Additional Committees:** In addition to the three organizing committees, the University Senate may establish such standing and select committees as it deems necessary or desirable. The Senate shall determine the method of selection of the members of these committees. Except as may be otherwise prescribed by the Senate in particular cases, the members of these committees shall be elected by the Senate upon written nomination submitted to the Membership by the Steering Committee or by individual Members at least seven days prior to voting on those nominations.
- (c) **Membership:** Members of the Steering Committee, Program Committee, and Committee on Rules and Senate Organization shall be Members of the Senate. All other multiple-member committees of the Senate shall include, but not necessarily be limited to, Members of the Senate.
- (d) **Committee Chairmen:** Except where otherwise specified by the Senate, each committee shall elect its chairman from its membership.
- (e) **Reports of University Committees:** Any University Committee composed, in whole or in part, of students or of members of the University Faculty (Rule 25.01) shall report to the University Senate when so requested by the Senate.
- (f) **Composition and Jurisdiction of the Organizing Committees:** The composition and jurisdiction of the three organizing committees of the Senate shall be as follows:

(1) Steering Committee

The Steering Committee shall consist of 13 members apportioned as follows: 6 Faculty, 1 elected Dean, 2 Administrators, and 4 Students. The Faculty representatives, 3 of whom shall be elected each year, and the elected Dean shall serve two-year terms and be ineligible for immediate re-election. The Student members shall serve one-year terms but be eligible for election to a second term. The representatives from the Administration shall be the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. The elected members of the Steering Committee shall be chosen as follows:

The Faculty Membership shall nominate a slate of at least 3 and no more than 6 faculty representatives. [For the first election only, 12 faculty members shall be nominated. The 3 receiving the largest number of votes shall serve two-year terms, and the 3 receiving the next largest number of votes shall serve one-year terms.]

The representatives of the Administration shall nominate at least 1 and no more than 2 Deans when a new representative is to be elected.

The Student Membership shall nominate at least 4 and no more than 8 student representatives.

A special meeting of Members selected to serve for the following academic year shall be held in June for the purpose of electing the members of the Steering Committee. Written nominations shall be sent to the Membership at least seven days prior to this meeting. The Membership of the new Senate shall elect the Committee members from among these nominees and voting shall be by written ballot. For the period of time beginning with this election and ending with the start of the Autumn Quarter there will be two Steering Committees.

The Steering Committee shall select its Chairman from among the 6 faculty members of the Committee, and he shall serve for one year.

The Steering Committee shall have the following duties and responsibilities:

- (a) It shall be the Senate's committee on committees. It shall have the power to call, by a vote of nine of its members, a Special meeting of the Senate, and shall have such powers and duties as the Senate may delegate to it during periods when the Senate is not in session. It may create subcommittees and may delegate to them any of its powers, functions, and duties.
- (b) [The Steering Committee shall replace the Faculty Advisory Committee to the President and the Board of Trustees.] The Steering Committee shall serve as a channel of communication between the University Senate and the President and the Board of Trustees. Its elected members shall be an advisory group available to both the President and the Board of Trustees for advice and counsel on any matter relating to the operation and development of the University. After consultation with the President, the elected members of the Steering Committee may request and obtain a meeting with the Board of Trustees.
- (c) The Steering Committee shall, at the beginning of each year, nominate faculty members for election by the Senate to the Faculty Tenure Hearing Committee described in Rule 21.07, Section 1.

(2) Program Committee

The Program Committee shall consist of 9 members apportioned as follows: 4 Faculty, 3 Students, 1 elected Dean, and the Secretary of the University Faculty. The Faculty representatives, 2 of whom shall be elected each year, and the elected Dean shall serve two-year terms and be ineligible for immediate re-election. The student members shall serve one-year terms and be eligible for re-election. Election shall be by the Senate upon written nomination by Members submitted to the Membership at least seven days prior to the election.

The Program Committee shall serve as continuing liaison between the University Senate and the three constituent bodies as well as the University at large. It shall receive proposals for Senate action and set the Senate's agenda. The agenda shall be mailed to Members at least 7 calendar days prior to the Senate meeting.

All items referred by committees of the Senate, by the Faculty Membership, by the Administration, by the Student Membership, and by individual Senate Members shall be scheduled for Senate consideration. To keep the agenda manageable, however, the Program Committee may assign priority to such items and schedule those it deems less urgent for a subsequent Senate meeting. Proposals not originating within the Senate, its committees, or the constituent bodies may be placed on the agenda; but the Program Committee is also empowered to refer such items to an appropriate committee or body for further study.

With the call for each Senate meeting the Program Committee shall send to Members a brief written report outlining proposals referred for further study.

The Program Committee shall have the responsibility for seeing that committees report as charged by the Senate.

The Program Committee shall seek to identify matters of potential concern to the Senate and shall have the responsibility for working with the principal standing committees and with other bodies in the coordination and planning of the Senate's continuing agenda.

(3) Committee on Rules and Senate Organization

The Committee on Rules and Senate Organization shall consist of 10 Members apportioned as follows: 6 Faculty, 3 Students, and the Secretary of the University Faculty. The Faculty representatives, 3 of whom shall be elected each year, shall serve two-year terms and be ineligible for immediate re-election. The Student Members shall serve one-year terms, and be eligible for re-election. Election shall be by the Senate, upon written nomination by Members, submitted to the Membership at least seven days prior to the election.

The Committee on Rules and Senate Organization shall have the following functions and responsibilities:

- (a) The Committee, in cooperation with the Secretary of the University Faculty, shall be responsible for the formal supervision of the published **Rules of the University** and of all statutes and by-laws pertaining to the University Senate. It shall keep all published statutes and rules within its purview up to date and shall plan their republication at such intervals as may be desirable. It shall supervise the Procedural Rules for the University Senate and make appropriate recommendations for revision as required.
- (b) Following Senate action, the Committee shall receive all proposed new rules and changes in existing rules. It shall recommend to the Senate such editorial and other changes as it deems appropriate or necessary to avoid conflict with other rules and University regulations. Its recommendations shall be presented for final action at the next regular meeting of the Senate. If the Committee is unable to report at this time, it shall inform the Program Committee of the reasons so that they may be included in the Program Committee's report on items pending but not on the agenda.

Revision of Rules for the University Faculty (continued)

- (c) The Committee may initiate rules or changes in existing rules and recommend them to the Program Committee for scheduling for Senate action.
- (d) The Committee shall review the structure and operation of the University Senate. It shall receive suggestions and initiate recommendations for change, as need and advantage may appear; in addition, it shall submit a formal report at the end of two years containing its conclusions and specific proposals. The Committee shall have continuing responsibility for assessing the structure, operation, and effectiveness of the Senate, without, however, in any way restricting the Senate's authority to alter its operation by other means.

APPENDIX II

Revision of Rule 35.07 of Rules for the University Faculty

Approved by Faculty Council June 7, 1972

Adopted by Board of Trustees July 7, 1972
(See page 4)

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Revision of Rule 35.07 (PA/NP--Pass/Non-Pass) of Rules for the University Faculty

The Faculty Council on June 7, 1972, approved the following revision of Rule 35.07 (PA/NP--Pass/Non-Pass) to be effective Autumn Quarter, 1972.

The text of this section of the Rule is as follows:

35.07. Marks.

PA/NP--Pass/Non-Pass

Section 1. This grading pattern may be chosen by undergraduates or Continuing Education students for a maximum of 30 credit hours.

Section 2. Among these 30 hours, an undergraduate student may elect Pass/Non-Pass grading for any or all University required courses in Physical Education and the National Defense Option or its alternatives (12 credit hours of courses not otherwise specified in the degree requirements of the student's selected curriculum).

An undergraduate student who has accumulated a point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass that are not required or designated as required electives in the curriculum leading to the degree for which the student is a candidate.

A student registered in the Division of Continuing Education who has an accumulated point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass for a maximum of 30 hours.

Section 3. Hours graded Pass (PA) count toward the degree. Pass/Non-Pass marks (PA/NP) are not computed in the point-hour average of the student.

Section 4. On or before noon of the sixth Saturday of a quarter, or the third Saturday of a term, a student must have declared his intention to take a course on the Pass/Non-Pass basis by filing the appropriate forms with the Dean of his college or the Dean's authorized representative (students in Physical Education, Military Science, Air Force Aerospace Studies, and Naval Science file the forms in those departmental offices). A student may not change to or from the Pass/Non-Pass Option after noon of the sixth Saturday of a quarter, or the third Saturday of a term.

Section 5. The instructor will submit PA or NP marks to the Registrar for those students selecting the grading pattern.

Section 6. The grade Pass (PA) is the equivalent of the grades ABCD, and the grade Non-Pass (NP) is the equivalent of the grade E.

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APPENDIX III

DEGREES CONFERRED AT
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

SEPTEMBER 1, 1972

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The Recipients of Honors

MARJORIE KEENER FAWCETT

Doctor of Humane Letters

Able speaker and gracious hostess who has given unqualified support to the educational and cultural endeavors of The Ohio State University.

Effective communicative abilities and enthused participation in the mainstream of campus life have characterized Marjorie Keener Fawcett's association with The Ohio State University. She is affiliated with several organizations including the American Association of University Women, the National Society of Arts and Letters, the Clintonville Women's Club, and the Columbus Development Committee. She has taken a particularly active part in The Ohio State University Women's Club, a group comprised of faculty wives and faculty women. While the organization sponsors several projects, Mrs. Fawcett has directed special interest into one which channels its proceeds into scholarship and emergency loan funds for student use.

Mrs. Fawcett, a native Ohioan, received her early education in Akron and was granted the Bachelor of Arts degree from Akron University. She also attended the Northwestern University School of Speech and received her Master of Arts degree from the University of Michigan. Applying her education to varied fields of speech, radio, and drama, Mrs. Fawcett's experience includes ten years as a teacher of English and speech and the directorship of radio education for the Akron public schools. Her work in educational administration includes programs in instructional training and curriculum preparation.

An adept speaker, Mrs. Fawcett has frequently appeared before numerous clubs and meetings in Ohio, including the local chapter of the American Association of University Women and members of Delta Kappa Gamma.

The Ohio State University is proud to confer the honorary degree, Doctor of Humane Letters, upon Marjorie Keener Fawcett. Her personal warmth and dedicated interest in the edification of the human mind and spirit make her a most deserving recipient of this honor.

NOVICE G. FAWCETT

Doctor of Laws

Noted academic administrator whose vigor and fervent dedication to the advancement of education are of the highest distinction.

A graduate of Kenyon College and The Ohio State University, Novice G. Fawcett has extended his energies and interests in an administrative career dedicated to improved public education. Beginning as a teacher and athletic coach in his native Gambier, Ohio, he was soon promoted to superintendent of the local school system. In 1938 he was appointed superintendent of the Defiance, Ohio public schools where he continued until accepting the superintendency of the Bexley, Ohio schools in 1943. From Bexley, he served in the directorship of the Akron school system before being selected as executive head of the Columbus public schools. In this post, he spirited a nationally recognized program of physical expansion, curriculum and personnel improvements, and efficient organizational streamlining.

Dr. Fawcett's leadership of the Columbus schools established the administrative standards of growth and excellence he would implement into the presidency of The Ohio State University. During his tenure in office, the University experienced its greatest period of development in many areas. Between 1957 and 1972 enrollment rose from 22,000 students to over 50,000, the faculty was expanded by more than one thousand, and extensive attention was given to the broadened scope and heightened quality of course offerings and degree granting programs. To meet the challenge of the burgeoning University, some 100 new facilities were incorporated into the Columbus campus community and four regional campuses were developed.

Active in many professional organizations including the Association of American Universities, the American Council on Education, the International Association of Universities, and the Newcomen Society, he is also a member of the Columbus Area Chamber of Commerce and the American Institute of Management.

It is with great honor that The Ohio State University confers the honorary degree, Doctor of Laws, upon Novice G. Fawcett for his dedication and commitment to the advancement of the University and for his outstanding contributions to the realm of education.

JACK W. NICKLAUS

Doctor of Athletic Arts

Internationally known sportsman who has contributed to the betterment of society as well as advancing high standards in his career.

Acknowledged as one of the foremost champions in the world of golf, Jack W. Nicklaus has established a formidable record of athletic achievement. Although he has won high regard as an individual competitor, he made impressive showings as a member of the winning American teams at both the 1959 Walker Cup Match held in Great Britain and the World Amateur Team Championship for the Eisenhower Trophy in 1960. He also captured the United States Amateur Championship in 1959 and 1962 and, while still a sophomore at The Ohio State University, he was the leading individual golfer in not only the Big Ten Conference but the National Collegiate Athletic Association as well.

Turning to professional golf in 1962, Mr. Nicklaus began what was to become a distinguished career of sporting performance. He has since won more than 40 Tour titles and 13 major championships including two British Opens, two Professional Golfers Association matches, three United States Opens, and four Masters tournaments. In addition to scoring records in both the United States Open and the Masters tournaments, he has the distinction of being the only golfer to consistently lead or share the lead in every round of both matches.

Active in humanitarian endeavors, Mr. Nicklaus has been a participant in a number of charity golf tournaments and exhibition matches, including the annual Columbus Pro-Am tournament. In 1968, he established the Robert K. Barton Memorial Fund which is a scholarship awarded by The Ohio State University's College of Law and he has served as chairman of the Ohio division of the American Cancer Society and the sports division of the National Easter Seal Society.

The Ohio State University is proud to confer the honorary degree, Doctor of Athletic Arts, upon Jack W. Nicklaus, a man of outstanding athletic prowess and the highest integrity.

Graduate School

Dean: Arliss L. Roaden

Doctor of Musical Arts

One candidate

Stephen Rowley Montague, St. Petersburg, Fla.
B.Mus.Ed., M.Mus. (Florida State University)
Dissertation: Voussoirs for Large Orchestra and Electronic Tapes
Field of Specialization: Music

Doctor of Philosophy

Two hundred and forty-seven candidates

Douglas Oldfather Abbott, Columbus
B.S. (University of Wyoming); M.S.
Dissertation: The Isolation of DNA-Membrane Vesicular Bodies from Lysates of *Bacillus cereus* by Differential and Gradient Centrifugation
Field of Specialization: Microbiology

William Vaughn Ackerman, Upton, Wyo.
B.A., M.A. (University of Wyoming)
Dissertation: A Spatial Strategy of Development for Cuyo, Argentina
Field of Specialization: Geography

John Douglas Aiello, Cleveland
A.B. (Loyola University); M.A. (John Carroll University)
Dissertation: Ohio's War Upon the Bank of the United States: 1817-1824
Field of Specialization: History

Vivian Arlene Anderson, Denver, Colo.
A.B., A.M. (Colorado State College)
Dissertation: A Comparison of the Sociodramatic Play Ability of High Socioeconomic Status Black Kindergarten Children and High Socioeconomic Status White Kindergarten Children
Field of Specialization: Education

Kenneth Lewis Applegate, Fairborn
B.S. (Central State University); M.S.
Dissertation: The Effects of ⁶⁰Co Irradiation on Aflatoxin Production by *Aspergillus Flavus* Grown on Wheat and Synthetic Medium
Field of Specialization: Poultry Science

Virginia Ann Arnold, Columbus
B.S.Ed. (Kent State University); M.A.
Dissertation: The Nature of Teacher-Pupil Interaction in Informal and Traditional Classrooms
Field of Specialization: Education

Thomas Joseph Atkins, Columbus
B.S. (University of Cincinnati)
Dissertation: Part I Transition Metal Complex Promoted Rearrangements Part II Organolithium Chemistry
Field of Specialization: Chemistry

Howard Guy Ball, Lancaster
B.Sc. in Soc. Adm., M.A.
Dissertation: Educable Mentally Retarded Students' Perceptions of Teachers' Nonverbal Behavior
Field of Specialization: Education

Russell Henry Barnes, Jr., Mansfield
S.B. in Ch.E. (Massachusetts Institute of Technology)
Dissertation: Bands of Carbon-13 and Deuterium-Enriched Species of Acetylene (Technology Developed and Interpretation of the Data Observed)
Field of Specialization: Physics

Clarence Robert Barnett, Columbus
B.A. (Marshall University); M.A.
Dissertation: College Athletics and Physical Education in Ohio During The Depression
Field of Specialization: Physical Education

Pearl Winter Bartelt, Brooklyn, N. Y.
B.S.Ed., M.A.
Dissertation: Birth Order of Siblings and Differences in Orientation Toward Parents
Field of Specialization: Sociology

Frederick Henry Bawel, Columbus
B. of Music (Butler University); M. of Music (College of Music, University of Cincinnati)
Dissertation: A Study of the Developmental Techniques in Selected Haydn Symphonies
Field of Specialization: Music

Kelmer D. Baxter, Berkeley, Calif.
B.A., M.A. (University of Florida)
Dissertation: A Comparison of the Effects of Delayed Sidetone on the Speech of Serbo-Croatian, French, and American English Speakers
Field of Specialization: Speech Communication

Sonny Baxter, Calgary, Alta., Canada
B.Sc. (University of British Columbia); M.S. (University of Alberta)
Dissertation: Conodont Biostratigraphy of the Mississippian of Western Alberta and Adjacent British Columbia, Canada
Field of Specialization: Geology

Gary Fred Beasley, Vicksburg, Miss.
B.S. (Mississippi State University)
Dissertation: An Assessment of an Instructional Unit for Preparing Users of the Educational Resources Information Center (ERIC) System
Field of Specialization: Agricultural Education

Charles Allen Beatty, III, Columbus
B.S.Ed., M.A.
Dissertation: Reflective Teaching, Alienation and Dogmatism: A Correlational Analysis
Field of Specialization: Education

John Henry Becher, Louisville, Ky.
B.Ch.E., M.S.
Dissertation: Transient High Speed Studies of the Flow and Adsorption of T-Butyl Alcohol and Water on Alumina at Reactive Conditions
Field of Specialization: Chemical Engineering

Donald James Beelick, Columbus
B.A. (Western Michigan University)
Dissertation: Context and Human Actions
Field of Specialization: Philosophy

John Edward Bender, Canal Winchester
B.S.Ed., M.A.
Dissertation: Morale of Elementary School Teachers
Field of Specialization: Education

Clinton Louis Benjamin, Fallon, Nev.
R.S. (Saint Mary's College, California); M.S. (Humboldt State College)
Dissertation: The Physiological and Histological Effects of 20, 25-Diazacholesterol Dihydrochloride (SC-12937) on the Male Red-Winged Blackbird, (*Agelaius phoeniceus phoeniceus*)
Field of Specialization: Zoology

- Thomas Robert Berg, Columbus
B.S.Ed., M.A.
Dissertation: The Modern Romantic Critics of Education
Field of Specialization: Education
- Valdomiro Correa Bittencourt, Piracicaba, Sao Paulo, Brazil
Eng. Agr. (University of Sao Paulo)
Dissertation: Complementary Ion Effects on K, Na and Ca Release From Bentonite and Illite Clay as Affected by pH-Dependent Charge Cation Exchange Capacity and Base Saturation
Field of Specialization: Agronomy
- Robert Stephen Bloom, Claymont, Del.
B.A. (Pennsylvania State University); M.E.D. (University of Pittsburgh)
Dissertation: A Curriculum Specialist in a Task Analysis Curriculum Development Process in Allied Medical Education
Field of Specialization: Education
- Norman Floyd Bloss, Gouverneur, N. Y.
B.S., M.S. (Cornell University)
Dissertation: The Relationship Between Enrollment in Agricultural Education and the Vocational Maturity of Secondary School Students
Field of Specialization: Agricultural Education
- James Albert Bontadelli, Columbus
B.S. (Oregon State College); M.S. (Stanford University)
Dissertation: Differential Waterfowl Hunting Regulations: A Linear Programming Approach
Field of Specialization: Industrial Engineering
- Walter Scott Bower, West Jefferson
B.Sc. (Waynesburg College); B.S.Ed., M.A.
Dissertation: Lives in Progress: The Development of a Small Group of Individuals Over a Four Year Period of Their Late Adolescence
Field of Specialization: Education
- Eugene Michael Breznock, Fairview Park
D.V.M.; M.S. (University of Georgia)
Dissertation: Pharmacokinetics of the Cardiac Glycosides, Digoxin and Digitoxin, in the Dog
Field of Specialization: Veterinary Physiology and Pharmacology
- Ronald Briggs, Liverpool, England
B.A. (University of Southampton); M.A.
Dissertation: The Cognitive Distance in Urban Space
Field of Specialization: Geography
- Kenneth Wayne Brooks, New Orleans, La.
B.A. (University of South Florida); M.A. (Louisiana State University)
Dissertation: Taxonomies of Data Sources Available for Comprehensive Educational Planning
Field of Specialization: Education
- Donald Douglas Brown, Columbus
B.S. (State University of New York at Cortland); M.A. (New York University); M.S. (State University of New York at Albany)
Dissertation: Evaluation of a Public Education Program and Development of a Model Program Designed to Reduce Delay Time in Myocardial Infarction
Field of Specialization: Education
- Ray Lee Brown, Columbus
B.S.Bus.Adm.; M.B.A. (Harvard University)
Dissertation: Contextual Aspects of Top Management Succession in Large Industrial Organizations
Field of Specialization: Business Administration
- Robert Armin Buerki, Columbus
B.S., M.S. (University of Wisconsin)
Dissertation: Historical Development of Continuing Pharmaceutical Education in American Universities
Field of Specialization: Education
- Gerald Anthony Bullano, Columbus
B.S. (Pennsylvania State University); M.S.
Dissertation: Effect of Temperature and Molecular Weight on the Rheology of Concentrated Polymer Solutions
Field of Specialization: Chemical Engineering
- Frederick Joseph Bunte, Columbus
B.S.Ed., M.A.
Dissertation: An Inquiry Into the Decline in the Number of Blacks Entering the Teaching Profession
Field of Specialization: Education
- Walter Dennis Burnside, Niles
B.E.E., M.S.
Dissertation: Analysis of On-Aircraft Antenna Patterns
Field of Specialization: Electrical Engineering
- Jeanne Louise Burson, Columbus
B.S. (Ball State Teachers College); M.S.
Dissertation: Effects of a Terminal Context Summary (TCS) in a Multimedia Individualized Instructional Approach to Statistics for Quality Control (QUCOST)
Field of Specialization: Education
- Julia Myrtle Aycock Butler, Columbus
B.S. Ed. (Wilberforce University); M.A.
Dissertation: An Investigation into Verbal Expressiveness and Reading Group Placement of Culturally Different Second-Grade Children
Field of Specialization: Education
- John Raleigh Bybee, Columbus
B.S., M.S. (Brigham Young University)
Dissertation: Prediction in the College of Education Doctoral Program at The Ohio State University
Field of Specialization: Education
- John Thomas Byrd, III, Louisville, Ky.
B.A. (Bellarmine College); M.S.S.W. (University of Louisville)
Dissertation: An Analysis of Continuity of Care in a Community Mental Health Center
Field of Specialization: Social Work
- Karen Byers Calteux, Sheboygan, Wis.
B.S., M.A. (Indiana State University)
Dissertation: The Political Blacklist in the Broadcast Industry: The Decade of the 1950's
Field of Specialization: Speech Communication
- Susan Davies Calvert, Cleveland
B.S. in Educ. (Bowling Green State University); M.S. (Case Western Reserve University)
Dissertation: Dietary Adequacy, Feeding Practices and Eating Behavior of Children with Down's Syndrome
Field of Specialization: Home Economics

Emilie Teresa Cannon, Columbus
B.A. (University of North Carolina); M.A. (Tulane University)
Dissertation: Childhood as Theme and Symbol in the Major Fiction of Ana Marie Matute
Field of Specialization: Romance Languages

Dennis John Carlo, Columbus
B.S., M.S.
Dissertation: Study of Organ Specific Antigens in Normal Human Brain Tissue
Field of Specialization: Medical Microbiology

Shu-Ping Chai, Taipei, Taiwan
B.S. (National Tsing Hua University); M.S.
Dissertation: A Univariate Two-Sample Nonparametric Test for Dispersion and a Class of Bivariate Two-Sample Nonparametric Tests for Location
Field of Specialization: Statistics

Harold Francis Chambers, Jr., Kettering
A.S.E. (University of Cincinnati); M.S.
Dissertation: A Study of Boron Particle Ignition
Field of Specialization: Aeronautical and Astronautical Engineering

Frederick Marland Chancellor, Jr., Columbus
B.S.Ed., M.A.
Dissertation: A Study to Determine the Attitudes of Inner-City Teachers Toward Racial Equality and Child-Centered Educational Practices
Field of Specialization: Education

Alfred Lawrence Christy, Dayton
B.S., M.S. (University of Dayton)
Dissertation: Translocation Kinetics in Relation to Source-Leaf Photosynthesis and Carbohydrate Concentrations in Sugar Beet
Field of Specialization: Botany

Freddie Charles Colston, Dania, Fla.
B.A. (Morehouse College); M.A. (Atlanta University)
Dissertation: The Influence of the Black Legislators in the Ohio House of Representatives
Field of Specialization: Political Science

Barbara Sue Combs, South Lebanon
B.A. (Ohio Wesleyan University); M.A.
Dissertation: *The Confidence-Man* as a Apocalyptic Vision
Field of Specialization: English

Donald Evans Corbin, Bridgewater, Va.
B.A. (Bridgewater College); M.A. (University of Maryland)
Dissertation: A Taxonomy of the Teaching of French Literature: Domains of Appreciation and Cognition
Field of Specialization: Education

Mary Louis Cranford, Chapel Hill, N. C.
B.S. (Western Carolina College); M.Ed. (University of North Carolina)
Dissertation: An Investigation of Blood Lactate Concentrations in Female Athletes Performing Various Intensities of Work
Field of Specialization: Physical Education

George Jacoby Crawford, Athens
B.F.A., M.Ed. (Ohio University)
Dissertation: Conflict in the Board Member-Board Member, Board Member-Superintendent Relationship: A Case Study
Field of Specialization: Education

Gene Robert Cupp, Canton
B.S. in Educ., M.Ed. (Bowling Green State University)
Dissertation: A Model for the Coordinated Provision of Human Development Services
Field of Specialization: Education

Charles Clarence Davis, Plymouth, N. H.
B.Ed. (Plymouth State College); M.A.
Dissertation: An Analysis of the Duties Performed by the Administrative Head of Health, Physical Education and Recreation in State Supported Colleges and Universities in the United States
Field of Specialization: Physical Education

John Howard Davis, Columbus
B.Ch.E., M.S.
Dissertation: A Kolmogorov-Type Statistic Based on a Variation of the Bivariate Distribution Function
Field of Specialization: Statistics

Kenrick Lloyd Day, Darien, Conn.
B.A. (Wesleyan University)
Dissertation: The Thermal Accommodation Coefficient of Graphite for Several Gases of Astrophysical Interest
Field of Specialization: Astronomy

Nicholas Anthony DiObilda, Coatesville, Pa.
B.S. (West Chester State College); M.Ed. (University of Delaware)
Dissertation: Effects of Word List Types on Acquisition, Retention, and Transfer in Children's Paired-Associate Learning
Field of Specialization: Education

Lorenza Dixon, Winston-Salem, N. C.
B.S. in Ed. (Winston Salem State College); M.Ed. (University of North Carolina)
Dissertation: An Assessment of The Ohio State University Urban Teacher Education Project on Teachers in Four Selected Schools
Field of Specialization: Education

Ethel Mae Hulda Docherty, Macomb, Ill.
B.S. (Wayne State University); M.S. (Pennsylvania State University)
Dissertation: The Effects of Reducing and Masking the Auditory Cues Accompanying Performance of Select Gross Motor Tasks on the Performance of Those Tasks
Field of Specialization: Physical Education

Dana Wrensch Donaldson, Lancaster
B.S., M.S.
Dissertation: Autosomal Modification of the Expression of the Cubitus Interruptus Mutant in *Drosophila melanogaster* with Special Reference to Phenotypic Instability Characterizing Certain Chromosome Combinations
Field of Specialization: Genetics

Pierre Herbert Dube, Toronto, Ont., Canada
B.A. (Honors), M.A. (University of Toronto)
Dissertation: The Individual in Chateaubriand's Universe as Seen in "Les Aventures du Dernier Abencerrage"
Field of Specialization: Romance Languages

Patricia Carolyn Dunn, Raleigh, N. C.
B.S. (East Carolina College); M.S. (University of Tennessee); M.Ed. (University of North Carolina)
Dissertation: An Exploration of the Status and Future Directions of Graduate Programs in Health Education in the United States
Field of Specialization: Physical Education

Ina Warner Ehrhart, Columbus
B.S.
Dissertation: The Effect of Hypocapnia on Coronary Vascular Resistance in the Dog
Field of Specialization: Physiology

John William Ellison, Union City
B.A. (Morehead State College); M.Ed. (Xavier University)
Dissertation: The Identification and Examination of Principles Which Validate or Refute the Concept of College or University Learning Resources Centers
Field of Specialization: Education

Eugene Conrad Elser, Rochester, N. Y.
B.A. (Roberts Wesleyan College); M.A.
Dissertation: Charismatic Communication: A Critical Analysis of the Rhetorical Behaviors of George Fox, Founder of the Society of Friends
Field of Specialization: Speech Communication

John Thomas Fellerath, Bay Shore, N. Y.
B.A. (LeMoyne College); M.A.
Dissertation: Temporal Perspective and Personal Control
Field of Specialization: Psychology

David Floyd Fike, Newark
B.A. (Manchester College); M.S.W. (University of Michigan)
Dissertation: Mass Media and Social Work Practice: An Experimental Research Design to Test Attitude-Changing Effectiveness of a Planned Parenthood Advertising Campaign
Field of Specialization: Social Work

Lewis Edgar Fikes, Dayton
A.B. (Earlham College); M.A.T. (Johns Hopkins University); M.S.
Dissertation: A Study of Steric, Electronic, and Acid-Concentration Effects in Schmidt Reactions of Aryl Alkyl Ketones, Dialkyl Ketones and Cyclopropyl Ketones
Field of Specialization: Chemistry

Carol Jean Fisher, Columbus
B.A.; M.Edu. (Bowling Green State University)
Dissertation: The Influence of Children's Literature and Oral Discussion in Developing Oral Language of Kindergarten, First, and Second Grade Children
Field of Specialization: Education

Kenneth Michael Foos, Columbus
B.S.Ed., M.S.
Dissertation: Effect of Temperature, Photoperiod and Light Intensity on Sporulation of *Camposporium antennatum* Harkn
Field of Specialization: Botany

Thomas Robert Forrest, Canfield
B.S. (University of Wisconsin); M.A.
Dissertation: Structural Differentiation in Emergent Groups
Field of Specialization: Sociology

Dean Ebel Fritzler, Topeka, Kan.
B.A., M.A. (Kansas State University)
Dissertation: Cross-Cultural Understanding by Anglos in Navajo-Anglo Interactions
Field of Specialization: Psychology

Lawrence Edward Gaichas, Chicago, Ill.
H.A.B. (Xavier University); M.A.
Dissertation: Concepts of Libertas in Sallust
Field of Specialization: Classics

Robert Noel Gandee, Barberton
B.S. Ed., M.S. Ed. (University of Akron)
Dissertation: Effect of Interval Training on Systolic Time Intervals
Field of Specialization: Physical Education

Alice Walsh Garry, Worthington
B.A. (State University of Iowa); M.A.
Dissertation: A Study of Significant Incidents in a Teacher Training Early Experiencing Program
Field of Specialization: Education

Gerald Wilbur Gaston, Worthington
B.S. (Miami University); D.D.S.
Dissertation: Dental Student Attitudes Towards Computer Assisted Instruction
Field of Specialization: Education

Clarence John Geiger, Columbus
A.B. (Columbia University); M.S. (University of Wisconsin)
Dissertation: Peace In War: American Social Thought and the First World War
Field of Specialization: History

Corwin Augustin Georges, Jr., Clarksville
A.B. (Morehead State University); M.A.
Dissertation: Augustin Daly's Shakespearean Productions
Field of Specialization: Theatre

Angelika Renate Gerbes, Lexington, Mass.
A.B. (Connecticut College); M.A. (Mills College)
Dissertation: Gottfried Taubert on Social and Theatrical Dance of the Early Eighteenth Century
Field of Specialization: Theatre

Ronald Johnson Glass, St. Louis, Mo.
A.B., M.A. (University of Missouri)
Dissertation: Leibniz and Perception
Field of Specialization: Philosophy

Paul Milton Godwin, Hot Springs, Ark.
B.A. (Arkansas Polytechnic College); M.A.
Dissertation: A Study of Concepts of Melody, with Particular Reference to Some Music of the Twentieth Century and Examples from the Compositions of Schonberg, Webern, and Berg
Field of Specialization: Music

Peter Charles Goldman, Columbus
B.S., M.S.
Dissertation: The Vocal Behavior of the Field Sparrow
Field of Specialization: Zoology

John Ridgely Goral, Columbus
B.S. (Purdue University); M.A.
Dissertation: The Effects of Career Stage and Situation
Difficulty on the Behavior and Satisfaction of Life
Insurance Agency Managers
Field of Specialization: Psychology

John Anthony Grande, Edison, N. J.
B.S. (Delaware Valley College); M.S.
Dissertation: A Study of Germination Control
Mechanisms in Lettuce *Lactuca sativa* (CV. Grand
Rapids)
Field of Specialization: Horticulture

Lynne Ann Gregory, Shreveport, La.
B.A. (Louisiana State University); M.A.
Dissertation: The Relative Effectiveness of Positive
Reinforcement and Response Cost Procedures in a Token
Reinforcement Program in Two Junior High Special
Education Classes
Field of Specialization: Psychology

Jack Carl Grosskopf, Columbus
B.S. Dairy Tech., M.S.
Dissertation: Characterization of Immobilized Pronase by
Selected Substrates
Field of Specialization: Dairy Technology

Alexander Grosu, Tel-Aviv, Israel
B.A. (Tel-Aviv University); M.A.
Dissertation: The Strategic Content of Island Constraints
Field of Specialization: Linguistics

Norman Lee Grunstad, Ortonville, Minn.
B.S. (United States Military Academy); M.A.
Dissertation: The Determination of Leader Behaviors
from the Interaction of Fielder's LPC and Situational
Favorableness
Field of Specialization: Business Administration

David George Gueulette, Mt. Vernon
B.A. (Kenyon College)
Dissertation: Educational Technology in the Developing
Countries: The United States Role
Field of Specialization: Education

Elizabeth McBride Hair, Port Clinton
B.S., M.S.
Dissertation: Effects of Dieldrin on Walleye Eggs,
Development, Hatching and Fry Survival
Field of Specialization: Zoology

Sister Carol Harbeck, Baltimore, Md.
A.B. (Mount Saint Agnes College); M.S.
Dissertation: Experimental Study of the Effect of Two
Proof Formats in High School Geometry on Critical
Thinking and Selected Student Attitudes
Field of Specialization: Education

David Reed Harris, Fort Worth, Tex.
B.S., B.A. (Carnegie-Mellon University); M.A. (Texas
Christian University)
Dissertation: Golda, A Graphical, On-Line System for
Data Analysis
Field of Specialization: Computer and Information Science

Carl Leonard Harshman, Columbus
B.A.; M.S. (Wright State University)
Dissertation: An Analytical Model for Institutional Goal
Development: A Survey of Selected Personnel Workers
in Ohio Higher Education
Field of Specialization: Education

Judith Walters Harvey, Circleville
A.B. (Ohio University); M.A.
Dissertation: The Influence of the Reformation on
Nürnberg Marriage Laws, 1520-1535
Field of Specialization: History

Robert Earl Henne, Columbus
B.S.Agr.
Dissertation: Rehabilitation and Recycling of Cucumber
Processing Salt Brines
Field of Specialization: Horticulture

Richard Paul Henzel, Edgewood, Md.
B.S. (Lebanon Valley College); M.S. (Bucknell
University)
Dissertation: I. Silver (I) Catalyzed Isomerization of
Bicyclobutanes II. Studies on Medium Ring Enones
Field of Specialization: Chemistry

Thomas Allan Hephner, Columbus
B.S. in B.A. (Kent State University); B.S.Ed., M.A.
Dissertation: A Study of Attitudinal Differences between
Cooperative Distributive Education Students and General
or Academic Students of Similar Backgrounds Toward
Retailing as a Career Goal
Field of Specialization: Education

Ronald Willard Hilwig, Tunkhannock, Pa.
D.V.M. (Washington State University); M.S.
Dissertation: Intravenous Methoxyflurane Anesthesia by
Diffusion Through Silicone Rubber: Administration and
Monitoring in the Canine
Field of Specialization: Veterinary Physiology and
Pharmacology

Christine Hirsch, Clarence, N.Y.
Ed.B. (State University of New York at Buffalo); M.A.
(Kent State University)
Dissertation: Self-Confrontation and the Effect of Focused
Videotape Feedback on Expressed Movement Satisfaction
Field of Specialization: Physical Education

Robert Albert Hovis, Youngstown
B.S. (Youngstown University); M.S. (Western Reserve
University)
Dissertation: On Uniformities for Hyperspaces with
Applications to Filters
Field of Specialization: Mathematics

Terrance Lee Hufford, Grove City, Pa.
B.S., M.A. (Bowling Green State University)
Dissertation: Analysis of Seasonal and Areal Distribution
Patterns of Diatom Taxa of Cedar Bog, Champaign
County, Ohio
Field of Specialization: Botany

Lloyd Michael Hulit, Massillon
B.S. in Ed. (Ashland College); M.A.
Dissertation: Effects of Evaluation and Multiple
Stimulation in the Stimulus-Response Paradigm of Speech
Therapy
Field of Specialization: Speech Communication

- Mary Jane Hunter, Dallas, Tex.
B.A., M.S. (North Texas State University); M.S.W. (San Diego State College)
Dissertation: Theological Politics: An Analysis of Ends Advocated by Church Groups to Congressional Hearings Related to Poverty From 1964 through 1971
Field of Specialization: Social Work
- Samuel Gregory Iams, Celina
B.S.
Dissertation: The Effect of Bilateral Adrenalectomy on the Gonadal Steroid Profile of the American Opossum
Field of Specialization: Physiology
- Stephen Ernest Jacobson, Roland, Ia.
B.S. (Iowa State University); M.S.
Dissertation: Kinetic Studies of the Sulfur Dioxide Insertion into Transition Metal-Carbon Sigma Bonds
Field of Specialization: Chemistry
- Felix James, Columbus, Ga.
B.S. (Fort Valley State College); M.A. (Howard University)
Dissertation: The American Addition: The History of a Black Community
Field of Specialization: History
- Judith Lee Jensen, Hammond, Ind.
A.B. (Earlham College); M.S. (Ohio University)
Dissertation: The Development of Standards for Women's Athletics and Their Influence on Basketball Competition in the State of New York
Field of Specialization: Physical Education
- Dorothy Rensch Johnson, Huntington, W. Va.
A.B. (Wheaton College); A.M. (University of Pennsylvania); M.A. (Northwestern University)
Dissertation: Television in Appalachia: A Comparison of Appalachian and Non-Appalachian Perception of Various Concepts and the Influence of Television Viewing upon Such Perceptions
Field of Specialization: Speech Communication
- Martin Wesley Johnson, Columbus
B.S. (Mayville State College); M.E. (University of Arizona)
Dissertation: Construction of a Trunk Flexion Strength-Endurance Test for College Men
Field of Specialization: Physical Education
- David Arnold Johnston, Columbus
A.B. (Boston University)
Dissertation: Politics and Policy in Ohio: A Study of Equal Rights, Pollution Control, and Unemployment Compensation Legislation
Field of Specialization: Political Science
- Dina Bandhu Kalra, Jobner, India
B.V. Sc. (Punjab University); M.Sc. (Punjab Agricultural University)
Dissertation: Some Effects of Vitamin A on the Characteristics of Oviduct Fluids of the Ewe
Field of Specialization: Animal Science
- John Patrick Keating, San Francisco, Calif.
A.B., M.A. (Gonzaga University); M.Sacred Theo. (University of Santa Clara); M.A.
Dissertation: Persuasive Impact, Attitudes, and Image: The Effect of Communication Medium and Audience Size on Attitudes Toward a Source and Toward His Advocated Position
Field of Specialization: Psychology
- Francis Lawrence Kelly, Duarte, Calif.
B.A. (DePaul University); M.T. (University of Illinois)
Dissertation: The Institute for Education by Radio
Field of Specialization: Speech Communication
- Peter Dirck Keyser, Hinsdale, Ill.
B.S., M.S.
Dissertation: Some Energetic Aspects of Growth and Sporulation of *Bacillus megaterium*
Field of Specialization: Microbiology
- Richard Charles Kimes, St. Louis, Mo.
B.S. (Texas Technological College); M.A. (University of Kansas)
Dissertation: Lysosomal Enzyme Involvement in Adenovirus Induced Cytopathologies
Field of Specialization: Microbiology
- Alan Lee King, Newcomerstown
B.S.Bus.Adm., M.A.
Dissertation: An Exploratory Analysis of the Relationship between Organization Types Based on Degree of Conglomeration and Selected Market Performance Criteria in the Property and Liability Insurance Industry in the State of Ohio in 1970
Field of Specialization: Business Administration
- Carl Darlington King, Newport, Tenn.
A.B., B.S.M. (Johnson Bible College); B.S.Ed., M.S. (University of Tennessee)
Dissertation: The Conservation of Melodic Pitch Patterns by Elementary School Children as Determined by Ancient Chinese Music
Field of Specialization: Music
- Jimmy Glen Koeninger, Columbus
B.A.Ed. (Central State College); M.S. (Oklahoma State University)
Dissertation: A Study to Develop and Evaluate the Effectiveness of a Simulation Package for Preservice Teacher Preparation of Cooperative Vocational Education Teacher-Coordination
Field of Specialization: Education
- Ronald Harry Kohl, Cincinnati
B.Eng. Phys. (Cornell University)
Dissertation: Polarization Effects in Photon Echoes and in an Anisotropic Laser Cavity
Field of Specialization: Physics
- Thirunellai Subramanian Lakshmanan, Madras, India
B.Sc. (University of Kerala); B.E. (Indian Institute of Science); M.Sc. (Banaras Hindu University); M.S. (Cornell University)
Dissertation: Electrotransport in Dilute Liquid Copper Alloys
Field of Specialization: Metallurgical Engineering

Edward James Largent, Jr., Columbus
B.S., B.Mus.; M.M. (University of Illinois)
Dissertation: An Investigation into the Perceptibility of
Twelve-Tone Rows
Field of Specialization: Music

Jae Chang Lee, Seoul, Korea
B.S.Bus.Adm., M.S.
Dissertation: Bivariate Sign Test with Binomial Null
Distribution
Field of Specialization: Statistics

Marlene Warring Lehtinen, Ashtabula
B.A., M.A.
Dissertation: Heterosexual Behavior and Attitudes of
University Students in Relation to Living Arrangements
Field of Specialization: Sociology

Jerre Lewis Lender, Jr., Dayton
B.S., M.A.
Dissertation: An Examination of the Associative Basis for
Cross-Modal Transfer
Field of Specialization: Psychology

Frank Klein Lester, Jr., Doctor's Inlet, Fla.
B.S., M.S. (Florida State University)
Dissertation: Developmental Aspects of Human Problem
Solving in a Simple Mathematical System via Computer
Assisted Instruction
Field of Specialization: Education

Leslie Lawrence Lewchuk, Edmonton, Alta., Canada
B.Ed. (University of Calgary); M.Ed. (University of
Alberta)
Dissertation: The Relative Effectiveness of Two Ways of
Ordering and Presenting Instructional Content
Field of Specialization: Education

Wei Chuan Liang, Willoughby
B.A. (Kalamazoo College); M.S. (Western Reserve
University)
Dissertation: Studies on Vinyl Cations and Unsaturated
Carbenes
Field of Specialization: Chemistry

Alvin Herbert Lipsetz, Columbus
B.A., M.Ed. (Saint Lawrence University)
Dissertation: Delphi as an Intervention Technique in
Developing a Plan of Change for the Student Affairs
Office at The Ohio State University
Field of Specialization: Education

James Fenton Lloyd, Columbus
B.Mus.Ed. (Florida State University); M.A. (University
of Alabama)
Dissertation: An Analysis of the Communication Behavior
Patterns of Selected Public Relations Practitioners in the
South
Field of Specialization: Speech Communication

James Edward Lorian, Bay Village
B.A. (Michigan State University); A.M. (University of
Michigan)
Dissertation: The Role of Faculty in Governance: A Study
of Opinion of Selected Departmental Faculties and
Administrators at The Ohio State University
Field of Specialization: Education

Marion Hannah Love, Orlando, Fla.
B.A., M.A.T. (Rollins College)
Dissertation: Experimental Theatre in Buenos Aires,
Argentina: A Brief History of the Center of Audiovisual
Expressive Arts, The Torcuato Di Tella Institute
Field of Specialization: Theatre

Gerald Eugene Lowther, Lancaster
B.S. in Opt., O.D., M.S.
Dissertation: Recovery of Glycogen Level, Lactic Acid
Dehydrogenase Reactivity and Normal Thickness of the
Corneal Epithelium Following Anoxia
Field of Specialization: Physiological Optics

William Charles Lubawy, South Bend, Ind.
B.S. (Butler University); M.S.
Dissertation: Somatotrophic Hormone and Hepatic Drug
Metabolism
Field of Specialization: Pharmacy

Alberta Wittenburg Luther, Portsmouth
B.S. in Ed. (Miami University); M.A.
Dissertation: An Evaluation of Supervisory Tasks in
Vocational Business and Office Education
Field of Specialization: Education

Eleanor Whiteside Lynch, Kettering
B.S.Ed., M.A.
Dissertation: An Investigation of the Effects of
Participation as a Teacher's Aide on the Ward Behaviors
of Institution Attendants
Field of Specialization: Education

Patricia Anne Lyons, Astoria, N. Y.
B.A. (Queens College); M.A.
Dissertation: The Effect of Children's Literature and
Oral Discussion on the Reading Achievement of First and
Second Grade Children
Field of Specialization: Education

Michael Scott Mabey, Cleveland
B.S., M.S.
Dissertation: Tissue Distribution of Aflatoxin B₁-14, in
Layer and Broiler Chickens
Field of Specialization: Poultry Science

Hulon Matthews Madeley, Carrollton, Ga.
B.S. (G.E.) (Agricultural and Mechanical College of
Texas), M.Geol. Engr. (University of Oklahoma)
Dissertation: Petrology of the Tuscaloosa Formation in
West-Central Georgia
Field of Specialization: Geology

Dorothy Markiewicz, Shaker Heights
B.A., M.A.
Dissertation: The Effects of Humor on Persuasion
Field of Specialization: Psychology

*Franklin Curtis Mason, Oxford
B.S. (Middle Tennessee State College); M.A.
(Vanderbilt University); M.S. (Miami University)
Dissertation: The Kapitza Effect in He I and He II
Field of Specialization: Physics

Susan Carol Mattingly, Baltimore, Md.
B.A. (Towson State College); M.A.
Dissertation: Psychological Characteristics of Selected
English Consonants
Field of Specialization: Speech Communication

* Degree granted in cooperation with Miami University

- Jeremy Lawrence Mattson, Evanston, Ill.
A.B. (Oberlin College); M.A.
Dissertation: The Conflict of Civilization and the Wilderness: A Study of a Theme in American Literature and Painting of the Early Nineteenth Century
Field of Specialization: English
- Barbara Patricia McCool, Columbus
B.S. (Saint Mary College); M.H.A. (University of Minnesota)
Dissertation: A Study of the Instruction and Evaluation Activities of the Hospital Administration Residency in Relation to Selected Characteristics of the Experience
Field of Specialization: Education
- William Cecil McDonald, Blacksburg, Va.
B.S. Ed., M.A. (Wayne State University)
Dissertation: A Survey of German Medieval Literary Patronage From Charlemagne to Maximilian I
Field of Specialization: German
- Joan Robertson McFadden, Fairborn
B.S.H.E., M.S.H.E. (Purdue University)
Dissertation: A Comparison of Methods of Preparing Youth for Employment: Cooperative Vocational Education Versus in-School Vocational Education
Field of Specialization: Education
- Grant Fletcher McKernie, Rock Island, Ill.
B.A. (Northwestern University); M.A.
Dissertation: Politics in Modern British Drama: The Plays of Arnold Wesker and John Arden
Field of Specialization: Theatre
- John Leland McManus, Cleveland
B.S., M.A.
Dissertation: Parent Group Instruction in Behavioral Applications with the Parent as Primary Change Agent
Field of Specialization: Psychology
- Edna Mae Menke, Cincinnati
B.S.N. (University of Cincinnati); M.S.
Dissertation: Factors Related to Children's Perception of Stress in the Hospital
Field of Specialization: Education
- Hector Alfredo Merklen, Vina Del Mar, Chile
Licenciado (University of Buenos Aires)
Dissertation: On Crossed Product Orders
Field of Specialization: Mathematics
- Jack Allan Meyer, Columbus
A.B. (University of Michigan); M.A.
Dissertation: Labor Supply of Women Potentially Eligible for Family Assistance
Field of Specialization: Economics
- Bonnie Marie Meyers, Fairborn
B.A., M.A.
Dissertation: Early Language Development as a Function of Active Response and Stimulus Redundancy
Field of Specialization: Psychology
- Demissie Gebre Michael, Columbus
B.S. (Imperial Ethiopian College of Agricultural and Mechanical Arts); M.S.
Dissertation: Factors Associated with Innovative Adoption among Selected Farmers in Southern Brazil
Field of Specialization: Agricultural Economics and Rural Sociology
- David Arthur Miller, Columbus
B.S.E.E. (Ohio Northern University); M.S. (Ohio University)
Dissertation: Closed-Loop Analysis of the Avian Respiratory Controlling System by Varying the Parameters of the Plant
Field of Specialization: Physiology
- Helen Nagtalon Miller, Honolulu, Hawaii
Ed.B., M.A. (University of Hawaii)
Dissertation: The Concept of "Culture" in the Curriculum of Second Language Teaching
Field of Specialization: Education
- Jane Nelson Miller, East Cleveland
B.A. (Ohio Wesleyan University); M.A.
Dissertation: Consumer Response to Theoretical Role Models in School Psychology
Field of Specialization: Psychology
- Heidie Clara Mitchell, Mansfield
B.S. in Ed. (Bowling Green State University); M.A. (Michigan State University)
Dissertation: The Use of 8mm Film for Individualized Instruction of First and Fourth Grade Children in the Overarm Throw and the Skip
Field of Specialization: Physical Education
- Edward Allen Molnar, Lorain
B.S. (Ohio University); M.S.
Dissertation: Relation between Wedge Cancellation and Localization for Complexes with Two Cells
Field of Specialization: Mathematics
- Albert Harrison Moore, Xenia
B.M.E. (Pratt Institute); M.S. (New York University)
Dissertation: Estimation of Parameters in Life Testing and Related Topics
Field of Specialization: Statistics
- Harry Kent Moore, Harrisonburg, Va.
B.S. (Manchester College); M.Ed. (Harvard University); M.S.
Dissertation: A Study in Programmed Instruction Using the Medium of Video Tape
Field of Specialization: Education
- Jeffrey Louis Moss, Fort Benning, Ga.
B.S. (Central Connecticut State College); M.S.W. (Rutgers State University)
Dissertation: Interprofessional Collaboration to Influence the Formulation of Social Policy in Mental Health: A Case Study
Field of Specialization: Social Work
- Michael Derrington Murphy, Angola, Ind.
B.S. (Educ.) (University of Wisconsin); A.M. (University of South Dakota)
Dissertation: The Development and Assessment of an Experimental Teacher Training Program for Beginning Graduate Assistants in Chemistry
Field of Specialization: Education

John Ralph Murray, III, Kalamazoo, Mich.
B.S. (Elmira College); M.B.A. (Western Michigan University)
Dissertation: The Performance and Attitudinal Consequences of Unplanned Frustration due to Programmed Loops in a Computer Assisted Course in Introductory Psychology
Field of Specialization: Psychology

Donald Richard Neff, Alpha
B.S.Ed.
Dissertation: Vocational Education in State and Federal Adult Correctional Institutions in the United States
Field of Specialization: Education

Leonard Jackson Newell, Jr., Columbus
B.A.; M.A. (Duke University)
Dissertation: Role Orientation and Job Satisfaction among Professors of Educational Administration
Field of Specialization: Education

Henry Charles Nixt, Waterloo, Ia.
B.S. (Loras College); M.S.
Dissertation: The Relative Effects of Frequent Use of Advance Organizers and Structured Reviews as Alternative Uses of Recitation Time in College Mathematics for Non-Physical Science Students
Field of Specialization: Education

Grace T. U. Noda, Honolulu, Hawaii
Ed.B. (University of Hawaii); M.A.
Dissertation: Collective Negotiations for Curriculum and Instructional Change
Field of Specialization: Education

Carl George Nothhaft, Columbus
B.A. in F.P.A., M.A. (Kent State University)
Dissertation: A Critical Review of News and Public Affairs Programming at WKBS TV, Philadelphia, Pennsylvania
Field of Specialization: Speech Communication

Stavros George Nychas, Attica, Greece
Diploma (National Technical University of Athens)
Dissertation: A Visual Study of Turbulent Shear Flow
Field of Specialization: Chemical Engineering

Susan Beth Raynor Olson, Huntington, W.Va.
B.A. (Rollins College); M.F.A. (University of Georgia)
Dissertation: The Role of Broadcasting within the British Open University
Field of Specialization: Speech Communication

Laurel Elijah Pease, Granville
A.B. (Los Angeles State College); M.S. (San Fernando Valley State College)
Dissertation: An Examination of the Insurance Business and its Role in the Growth and Development of a Non-Industrialized State
Field of Specialization: Business Administration

William T. Peruzzi, Scituate, Mass.
B.S. (Boston University); M.T.S. (College of William and Mary)
Dissertation: A Study of Science Department Head Supervisory Styles and their Affective Correlates
Field of Specialization: Education

Gregory Lee Peters, Oxford
B.A. (Miami University); M.A.
Dissertation: Coding Processes in Active and Inactive Memory
Field of Specialization: Psychology

Ralph Ira Porterfield, Worthington
B.S. (Capital University)
Dissertation: The Development of Continuous Flow and Stop Flow Differential Redox Potentiometry and Application to Kinetic Analysis at the Carbon Electrode
Field of Specialization: Pharmacy

Harbhajan Singh Prihar, Jullundur, India
B.Sc. (Panjab University); M.Sc. (Agra University); M.S.
Dissertation: A New Procedure for the Synthesis of Glycosyl-Phosphates
Field of Specialization: Biochemistry

Robert Stephen Prout, New Concord
B.A. (Muskingum College); LL.B. (LaSalle Extension University); M.Ed. (Ohio University)
Dissertation: Developing A Curriculum for Law Enforcement Associate Degree Programs
Field of Specialization: Education

Paul Alexis Rab, Dayton
B.S., M.S.
Dissertation: Nest-Cleaning Behavior in Two Genetic Stocks of Honey Bees (*Apis mellifera* L.)
Field of Specialization: Zoology

Neal Clifford Raber, Cleveland
B.Sc. in Edu. (Kent State University); M.S.
Dissertation: On Ostrom's Finite Hyperbolic Planes
Field of Specialization: Mathematics

James Richard Raia, Parma
B.S., M.A.
Dissertation: Encoded and Decoded Semantic Differentiated Meaning of Counseling Attire, Seating and Office Proxemic Variables
Field of Specialization: Psychology

*John Robert Ray, Fairborn
A.B., A.M. (Indiana University)
Dissertation: Attitudes Toward Surface Mining for Coal and Reclamation in Ohio: A Spatial Analysis
Field of Specialization: Geography

Barbara Duffey Redick, Columbus
B.S. Ed., M.A.
Dissertation: Role Conflict and Role Ambiguity among the Public School Counselors in Franklin County, Ohio
Field of Specialization: Education

* Degree granted in cooperation with Miami University

- Charles Robert Reed, Oglesby, Ill.
B.A. (Cedarville College); M.A.
Dissertation: Image Alteration in a Mass Movement: A Rhetorical Analysis of the Role of the Log College in the Great Awakening
Field of Specialization: Speech Communication
- John William Reese, Greenwood, Wis.
B.S. (Wisconsin State College); M.S.
Dissertation: Effects of Photoperiod on Swarming Behavior and Mating Activity in Aedes Triseriatus (Say)
Field of Specialization: Entomology
- Marilyn Miller Rehm, Columbus
B.S. (Otterbein College)
Dissertation: Investigation of the Role of RNA Synthesis in the Rapid Inhibition of Auxin-Promoted Elongation of Avena Coleoptiles by Abscissic Acid
Field of Specialization: Botany
- Thomas George Reigle, Navarre
B.S. in Pharm. (University of Cincinnati)
Dissertation: Potential Neurotransmitters and Receptor Mechanisms Involved in the Central Control of Body Temperature in Hamsters
Field of Specialization: Pharmacy
- Eric Edward Rice, Milwaukee, Wis.
B.S. (University of Wisconsin)
Dissertation: A Study of Photochemically Initiated Weak Detonation Waves in Hydrogen-Oxygen-Chlorine Mixtures
Field of Specialization: Aeronautical and Astronautical Engineering
- Harry Michael Rosenberg, Columbus
B.A. (University of North Carolina); M.A. (Brandeis University)
Dissertation: The Influence of Fertility Strategies on the Labor Force Status of American Wives
Field of Specialization: Sociology
- Jacqueline Kay Powell Rothman, Columbus
B.A. (Southern Illinois University); M.A.
Dissertation: A Study of the Role of Ohio School Psychologists
Field of Specialization: Education
- Sharon Kay Ruhly, Kettering
B.A. (Otterbein College); M.A.
Dissertation: The Communication of Culture Through Film
Field of Specialization: Speech Communication
- Roy Lamar Rummel, Chillicothe
B.A. (Valparaiso University); B.D. (Concordia Theological University); M.A.
Dissertation: Implicit Moral Values and Interpersonal Behavior as Related to College Aged Students and Elderly People
Field of Specialization: Psychology
- Kulbir Sabharwal, Kurukshetra, India
B.Sc. (Ag. and A.H.), M.Sc. (Ag. and A.H.) (Punjab Agricultural University); M.S.
Dissertation: Creaming in Evaporated Milk
Field of Specialization: Dairy Technology
- Irene Segger Sander, Columbus
B.S. in Ed. (Capital University); M.A.
Dissertation: A Submaximal Cardiovascular Fitness Test for Fourth, Fifth and Sixth Grade Girls
Field of Specialization: Physical Education
- David Carroll Sanders, Sheridan, Ind.
B.S. (Butler University); M.S.
Dissertation: The Chemistry of Bicyclo (4.2.1) Nona-2,7-Trien-9-One, Bicyclo (4.2.1) Nona-2,4,7-Trien-9-Yl Intermediates and Their Derivatives
Field of Specialization: Chemistry
- Emerson Sanders, Lansing, Mich.
B.S. (Prairie View Agricultural and Mechanical College of Texas); M.A. (Michigan State University)
Dissertation: Volunteer 4-H Leaders Working with Youth with Limited Resources in the Expanded Food and Nutrition Education Program
Field of Specialization: Agricultural Education
- William Sturtevant Sargent, Jr., Findlay
B.B.A. (Agricultural and Mechanical College of Texas); M.B.A. (Miami University)
Dissertation: An Experimental Study of Student Decision-Making Effectiveness in a Computer-Assisted Case Study Learning Environment
Field of Specialization: Business Administration
- Karl Francis Schaum, Toms River, N. J.
B.S.Ed. (California State College, Pennsylvania); M.Ed. (Indiana University of Pennsylvania)
Dissertation: The Effect of Aeration and Growth Periods on Allergenic Extracts Prepared from Two Strains of Alternaria Brassicicola (Schwein) Wiltshire
Field of Specialization: Botany
- John Ross Schleppi, Columbus
B.S.Ed., M.A.
Dissertation: A History of Professional Association Football in England during the Second World War
Field of Specialization: Physical Education
- John Eric Schneider, Yuba City, Calif.
B.S., M.Ed. (University of Southern California)
Dissertation: Development of a Model of Collaborative Instructional Planning and Development
Field of Specialization: Education
- Gregory Kent Schubert, Bowling Green
B.A., M.A. (Miami University)
Dissertation: The Proposed Merger of the American Broadcasting Company and The International Telephone and Telegraph Corporation
Field of Specialization: Speech Communication
- Leda Scott Scrimsher, Columbus
B.S. (H.E.), M.S. (University of Idaho)
Dissertation: Determining the Effectiveness of an Instructional Package for Teacher Education Involving the Affective Dimension
Field of Specialization: Home Economics
- Donald Lee Sexton, Portsmouth
B.S. (Wilmington College); M.B.A.
Dissertation: Improving a Company's Total Performance Through Time: An Analysis of the Attitudinal and Behavioral Impact of Human Resource Information on Productivity
Field of Specialization: Business Administration

- Donald David Shandler, Caldwell, N. J.
B.A., M.A. (Montclair State College)
Dissertation: American Shakespeare Festival Theatres:
A Sense of Occasion
Field of Specialization: Theatre
- Margaret Early Shrewsbury, Gahanna
A.B. (West Virginia University); M.A.
Dissertation: The Effect of Four Variables on Judgments
of Severity of Articulatory Defectiveness
Field of Specialization: Speech Communication
- Jerry Edward Shuck, Columbus
B.S. (Western Kentucky University); M.A. (San Jose
State College)
Dissertation: Governance of Vocational Programs in Big
City School Systems
Field of Specialization: Education
- John Walter Duncan Sinclair, Edmonton, Alta., Canada
B.Sc. Honors, M.Sc. (University of Alberta)
Dissertation: Spectroscopy of ^{67}Zn Via Analog Resonances
in $^{67}\text{Zn}(\text{p},\text{p}')\gamma$
Field of Specialization: Physics
- Ram Dhan Singh, Tehsil-Sonepat, India
M.Sc. (Panjab Engineering College)
Dissertation: Mechanical Characterization and Finite
Element Analysis of Elastic-Plastic, Work-Hardening Soil
Field of Specialization: Civil Engineering
- Morgan Emery Sisk, Murray, Ky.
B.S. Agr. (Murray State Teachers College); M.S.
(Oklahoma State University)
Dissertation: Invertebrate Drift in an Ohio Stream and
its Utilization by Warm-Water Fish
Field of Specialization: Zoology
- John Jay Smith, Wooster
B.A. (Goshen College); M.S. (Cornell University)
Dissertation: The Effect of an Instructional Sequence on
Self-Evaluation Practices and Attitudes of Pre-service
Science Teachers
Field of Specialization: Education
- Robert Ernest Smith, Jr., Columbus
B.S.Bus.Adm., B.S.Ed., M.A.
Dissertation: Self Concept in Female Delinquents
Field of Specialization: Education
- Thomas Eugene Smith, Tipp City
A.B. (Earlham College); M.A.T. (Miami University)
Dissertation: On-Line Computer Terminal Performance
on Science Related Tasks of Concept-Attainment
Field of Specialization: Education
- Patricia Louise Soares, Conneaut
B.S.Ed. (Bowling Green State University); M.Ed.
(Women's College, University of North Carolina)
Dissertation: An Investigation of Attitudes Expressed
toward the DGWS Philosophy and Standards of
Competition for High School Girls
Field of Specialization: Physical Education
- Harry Edward Sommer, Chatham, N. Y.
B.S.Agr. (University of Vermont); M.A. (University of
Maine)
Dissertation: Influence of 2,4 Dichlorophenoxyacetic Acid
on Nitrate Reductase and Protein in Wild Carrot (*Daucus
Carota* L.) Tissue Culture
Field of Specialization: Botany
- Festus Ibeawuchi Soribe, Owerri, Nigeria
B.S. Agr. Eng. (California State Polytechnic College);
M.S.
Dissertation: Dynamic Simulation of Environment and
Plant Growth in an Air-Supported Plastic Greenhouse
Field of Specialization: Agricultural Engineering
- Adam Junior Sponaugle, Martinsburg, W. Va.
B.S. Agr., M.S. (West Virginia University)
Dissertation: Attitudes of Guidance Counselors Regarding
Vocational Education
Field of Specialization: Agricultural Education
- Arthur William Sprague, Jr., Granville
B.A. (Kenyon College); B.S.Ed. (Denison University);
M.Ed. (Kent State University)
Dissertation: Attitudinal Changes in Secondary School
Students as a Result of Studying an Ethnohistory of the
Kiowa Indians
Field of Specialization: Education
- Hugh Blair Stamper, Jr., Warren
B.S., M.S.
Dissertation: Characterization of a *Bacillus* Species and
its Pathogenicity for Mice
Field of Specialization: Microbiology
- Donal Junior Stanton, Ash Grove, Mo.
B.S.Ed. (Southwest Missouri State College); M.A.
(University of Arkansas)
Dissertation: A Rhetorical Evaluation of Thomas Hart
Benton's Slavery Speeches, 1844-1858
Field of Specialization: Speech Communication
- Betty Jean Stoess, Louisville, Ky.
B.A. (University of Louisville); M.A.
Dissertation: A Study of Content Development in Selected
Secondary Biology Classes
Field of Specialization: Education
- James Clair Summers, Morgantown, W. Va.
B.S. Bus. Adm., M.B.A. (West Virginia University)
Dissertation: The Impact of Employer Attitudes and
Characteristics on the Outcome of a Government Sponsored
On-the-Job Training Program in North-Northcentral
West Virginia
Field of Specialization: Business Administration
- Thomas Rodney Swearingen, Columbus
A.B. (William Jewell College); M.A. (University of
Kansas)
Dissertation: A Study of the Attitudes of Selected
Members of the Academic Community Regarding the
Student Personnel Program at the Big Ten Universities
Field of Specialization: Education
- Gene Anthony Telego, Upper Sandusky
B.A. (Ashland College); M.A.
Dissertation: An Analysis of Selected Aspects of Student
Teaching Centers in Secondary Schools
Field of Specialization: Education
- William Allen Ternent, Columbus
B.S.Ed., M.A.
Dissertation: College Student Perceptions of College
Course Relevance: An Explorative and Descriptive Study
Field of Specialization: Speech Communication

- Carolyn Ann Terry, Richardson, Tex.
B.S. (Texas Christian University); M.Ed. (University of Houston)
Dissertation: A National Survey of Children's Poetry Preferences in the Fourth, Fifth, and Sixth Grades
Field of Specialization: Education
- Carolyn Elise Thomas, Moscow, Idaho
B.S. (Western Michigan University); M.S. (University of Washington)
Dissertation: The Perfect Moment: An Aesthetic Perspective of the Sport Experience
Field of Specialization: Physical Education
- Leon Garfield Thompson, Columbus
B.S. (United States Military Academy); M.S.
Dissertation: Edges as Specifiers of Image Quality
Field of Specialization: Geodetic Science
- Daryl Andrew Travnick, Lincoln, Neb.
B.S. in M.E. (University of Nebraska); M.S.
Dissertation: Bayesian Analysis of Markov Chains and Inference in a Stochastic Model
Field of Specialization: Statistics
- Jo Ann Louise Tyler, Columbus
B.S. in Phys. Ed. (Mississippi State College for Women); M.A.
Dissertation: The Relationship between Self-Concept and Motor Performance of Second Grade Children
Field of Specialization: Physical Education
- John Arthur Van de Walle, Fort Mitchell, Ky.
B.A. (Bellarmine College); M.A. (Saint Louis University)
Dissertation: Attitudes and Perceptions of Elementary Mathematics Possessed by Third and Sixth Grade Teachers as Related to Student Attitude and Achievement in Mathematics
Field of Specialization: Education
- William Kent Van Tyle, Monticello, Ind.
B.S. (Butler University); M.S.
Dissertation: Pharmacokinetic Disposition of Noraporphine Derivatives and its Influence on the Elicitation of Stereotypical Gnawing
Field of Specialization: Pharmacy
- Everett Garrison Walters, Columbus
A.B., M.A. (Boston University)
Dissertation: Ion C. Bratianu: The Making of a Nationalist Politician, 1821-1866
Field of Specialization: History
- Ting-Hwa Wang, Park Forest, Ill.
Diploma (Taiwan Provincial Cheng-Kung University); M.S.C.E. (University of Missouri)
Dissertation: A Theory for Thick Elastic Plates
Field of Specialization: Engineering Mechanics
- David John Hopetoun Watson, Brisbane Australia
B.Com. (University of Queensland); M.A.
Dissertation: The Structure of Project Teams Facing Differentiated Environments: A Study of Public Accounting Firms
Field of Specialization: Accounting
- Melvin Richard Webb, Atlanta, Ga.
B.S. (Albany State College); M.A. (Atlanta University)
Dissertation: Teaching Science in Public Elementary Schools of the Plains, Rocky Mountain and Southeast Regions of the United States
Field of Specialization: Education
- Carl Frederick Reinhold Weiman, Tampa, Fla.
B.S. (Yale University); M.A. (University of South Florida)
Dissertation: Pattern Recognition by Retina-like Devices
Field of Specialization: Computer and Information Science
- Robert William Weinbach, Alexandria, Va.
B.A., M.S.W. (New York University College, Buffalo)
Dissertation: Identification with the Social Work and Mental Health Professions as Factors Relating to Social Worker Job Satisfaction and Job Performance: An Inquiry into the Value of the Inter-Professional Model
Field of Specialization: Social Work
- Robert Murray Weissberg, Cleveland Heights
B.S. Ed.
Dissertation: The Dynamic Effect of Pulmonary CO₂ on Tidal Volume in a Unidirectional Ventilated Avian Preparation
Field of Specialization: Physiology
- Jack Meredith Weller, Mt. Gilead
B.A., M.A.
Dissertation: Innovations in Anticipation of Crisis: Organizational Preparations for Natural Disasters and Civil Disturbances
Field of Specialization: Sociology
- James Newcomb Westwater, Columbus
B.A.
Dissertation: A Wide-Screen Multi-Image Presentation Used as a Multi dimensional Resource for Environmental Education: A Study of Teacher-User Perceptions
Field of Specialization: Education
- Henry George Wetzler, Hinsdale, Ill.
A.B. (Cornell University); M.A. (Rutgers State University); M.S.
Dissertation: Predicting Student Achievement and Satisfaction with the Teacher in College Mathematics in Terms of Previous Students' Satisfaction with this same Teacher
Field of Specialization: Education
- Wayne Richard Wheeler, West Springfield, Mass.
B.S. (United States Military Academy); M.A.
Dissertation: A Field Test of Stogdill's Mathematical Model of Group Achievement
Field of Specialization: Business Administration
- Bruce Jay Whittemore, Waterloo, Ia.
B.A. (State College of Iowa); M.S.
Dissertation: A Generalized Decision Model for the Analysis of Information
Field of Specialization: Computer and Information Science
- Harry Dean Wilfond, Jr., Dayton
A.B., A.M. (West Virginia University)
Dissertation: Chronological Leniency and Linear Transformation of the Supervisory Appraisal Scale
Field of Specialization: Psychology

Ned Bruce Wilson, Toronto

B.S., M.S.

Dissertation: Juvenile Delinquency and the Societal

Response: A Systematic Analysis

Field of Specialization: Industrial Engineering

Daniel Wayne Workman, Lexington

B.S.Ed. (Ashland College); M.A.

Dissertation: The Relationship of Selected Variables in

Decision-Making Regarding Choice of a Career in

Teaching

Field of Specialization: Education

Lucille Eva Johnson Wright, Waterloo, Ia.

B.S.Bus.Adm.; M.A. Ed. (University of Northern Iowa)

Dissertation: A Sociometric Study, through Histrionism,

of the Relative Impact of Physical Attractiveness on the

Employment Probability of Office Personnel

Field of Specialization: Education

William Benjamin Young, Fairborn

B.G.E. (University of Omaha); M.S. (Miami University)

Dissertation: Group Process Experiences for Sixty

University Students

Field of Specialization: Education

Yousif Hanna Yousif, Mosul, Iraq

B.S. (University of Baghdad); M.S. (Virginia Polytechnic
Institute)

Dissertation: The Effects of Etiolation and Ringing on

Rooting of Myrobalan Plum (*Prunus Serrisifera*) Cuttings

Field of Specialization: Horticulture

Sidney Norman Zelson, Normal, Ill.

A.B., A.M. (University of Missouri)

Dissertation: Directed Dialogue and Pattern Drill in First

and Second Year High School Spanish Classes: A

Comparison of Two Treatments

Field of Specialization: Education

**Certificate of Specialist in
Russian Area Studies**

One candidate

¹James Frederick Allen, Groton, Conn.
B.S.E. (University of Michigan)

Master of Architecture

Four candidates

Charles Raymond Heuer, Poland
B.Arch. (Carnegie-Mellon University)
Field of Specialization: Architecture

Michael Kyong-il Kim, Seoul, Korea
B.S. (Seoul National University)
Field of Specialization: Architecture

Young-Hun Sohn, Columbus
B.S., M.Arch. (Yeungnam University, Korea)
Field of Specialization: Architecture

David Lester Warren, Aurora, Ill.
B.Arch. (Iowa State University of Science and Technology)
Field of Specialization: Architecture

Master of Arts

Four hundred and thirty-nine candidates

Jack Don Adkins, Columbus
B.S. (Wilmington College)
Field of Specialization: Education

Meshach Enakerakpor Akpe, Ibadan, Nigeria
B.A. (University of Ghana)
Field of Specialization: Public Administration

Suzanne Peer Alexander, Columbus
B.S.Ed.
Field of Specialization: Education

²James Frederick Allen, Groton, Conn.
B.S.E. (University of Michigan)
Field of Specialization: Slavic Languages

Joseph Tarver Allen, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Barbara Brenk Anderson, Columbus
B.S. (Educ.) (University of Wisconsin, Madison)
Field of Specialization: Speech Communication

Burnadine Moss Anderson, Shreveport, La.
B.A. (Southern University and Agricultural and Mechanical College)
Field of Specialization: Journalism

Jon Norman Anderson, Circleville
B.S.Ed.
Field of Specialization: Education

James Carl Andre, Columbus
B.S.Ed.
Field of Specialization: Education

Daniel Edward Andreas, Sugar Creek
B.S.Ed.
Field of Specialization: Education

Richard James Angelou, Columbus
B.S. in Ed. (Capital University)
Field of Specialization: Education

Louise Annarino, Newark
B.S.Ed.
Field of Specialization: Education

Sandra Zorn Anthony, Columbus
B.S.Ed.
Field of Specialization: Education

Thomas Nelson Applegate, Fredericktown
B.S.Ed.
Field of Specialization: Education

Brenda Joyce Arnett, Columbus
B.S.Ed.
Field of Specialization: Education

Catherine Marie Crawford Ashley, Salem
B.A. (Kent State University)
Field of Specialization: Political Science

Gilbert Wilson Atnip, Tampa, Fla.
B.A. (Stetson University)
Field of Specialization: Psychology

Marilyn Joan Axtmann, Youngstown
B.S. in Educ. (Mount Union College)
Field of Specialization: Education

Vicki Cook Baack, Clinton, Ia.
B.A. (University of Iowa)
Field of Specialization: Education

Karl Thomas Bachman, Cincinnati
B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology

Charlotte Ann Heistand Baker, Columbus
B.S.Ed.
Field of Specialization: Education

David Dale Baker, Lockbourne
B.S.Ed.
Field of Specialization: Music

Thomas Eugene Bakes, Columbus
B.S.Ed.
Field of Specialization: Education

Adrienne Kassin Baltuch, Columbus
B.A. (University of Kansas City)
Field of Specialization: Education

Lee Barnes, Buffalo, N. Y.
B.S.Ed. (Central State College)
Field of Specialization: Education

Jacklyn Lee Barnhart, Caldwell
B.S.Ed.
Field of Specialization: Education

Mary Elizabeth Barry, Columbus
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education

Beverly Ann Bartos, Seven Hills
B.S.Ed.
Field of Specialization: Physical Education

Elizabeth Ramlow Bathory, Euclid
A.B. (Oberlin College)
Field of Specialization: English

Roberta Yoder Bavry, Pataskala
B.A. (Purdue University)
Field of Specialization: English

Dennis Arlo Beer, Columbus
B.S.Ed.
Field of Specialization: Education

Alice Tybout Beery, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Marian Jane Belt, Columbus
B.S.H.E.
Field of Specialization: Education

Dennis Keith Benson, Dayton
A.B. (Miami University)
Field of Specialization: Political Science

John Frederick Berning, Grove City
B.S.Ed. (Ohio University)
Field of Specialization: Education

Charles Alvin Berry, Long Beach, Calif.
B.A. (California State College at Long Beach)
Field of Specialization: Psychology

Timothy Lee Best, Lima
B.S.Ed.
Field of Specialization: Education
Susan Louise Billing, Sidney
A.B. (Asbury College)
Field of Specialization: Education

¹ Also Master of Arts, Graduate School
² Also Certificate of Specialist in
Russian Area Studies, Graduate School

Dennis Lynn Billingsley, Columbus
B.S.Ed.

Field of Specialization: Education

Michael Thomas Black, Wooster
B.S.Ed.

Field of Specialization: Physical
Education

Lyda Key Bogart, Columbus
B.S.Ed.

Field of Specialization: Education

John Brian Bonner, Columbus
B.Mus.Ed.

Field of Specialization: Music

Carol Annette Bowles, Bradford
A.B. (Miami University)

Field of Specialization: English

Robert Emil Braun, Columbus
B.S.Bus.Adm. (Waynesburg College)

Field of Specialization: Education

Joan Tassile Brent, Columbus
B.S.Ed. (Kent State University)

Field of Specialization: Education

Marilyn Sandra Brick,
Philadelphia, Pa.

A.B. (Temple University)

Field of Specialization: English

Elizabeth Arndt Brownlee,
Winter Park, Fla.

B.S.Ed. (University of Nebraska)

Field of Specialization: Education

Sister Sandra Brunenn, Nauvoo, Ill.
B.A. (Saint Ambrose College)

Field of Specialization: Education

James Walter Bryer, Jr.,
Cahokia, Ill.

B.S. (Saint Louis University)

Field of Specialization: Psychology

Carol Elaine Buechner, Hamilton
B.S. in Edu. (Miami University)

Field of Specialization: Education

Dulcisima C. Buenaobra, Lorain
B.S. (Philippine Normal College)

Field of Specialization: Education

Marilyn Jones Burgermeister,
Columbus

B.S.Ed.

Field of Specialization: Education

Robert Charles Burkhardt,
Sharon, Pa.

B.S. (Pennsylvania State University)

Field of Specialization: Physical
Education

Larry Loring Burriss, Columbus
B.A.Jour.

Field of Specialization: Journalism

James Harold Butts, Jr.
Canal Winchester

A.B. (Asbury College)

Field of Specialization: Education

Helen Eileen Byrd, Jacksonville, Fla.
B.A. (University of Florida)

Field of Specialization: Psychology

Nancy Ann Armstrong Canfield,
New Carlisle

B.S.Ed.

Field of Specialization: Education

Richard Irving Canfield, Columbus
B.S.Ed.

Field of Specialization: Education

Armand William Carriere,
Washington, D. C.

B.S.Bus.Adm. (University of Rhode
Island)

Field of Specialization: Education

Benjamin Dickerson Caton,
Newport, Tenn.

B.S.M.E. (East Tennessee State
University)

Field of Specialization: Music

Dominic Joseph Cavello, Columbus
B.A.

Field of Specialization: Classics

Roland Armand Champagne,
Jacksonville, N. C.

B.A. (Providence College)

Field of Specialization: Romance

Languages

Marcus Lonnie Clark, Columbus
B.S. (David Lipscomb College)

Field of Specialization: Physical
Education

Walter Black Clark, Richwood
B.S.Econ. (Missouri Valley College)

Field of Specialization: Education

Sharon Danielle Grant Cline,
Columbus

B.A. (West Virginia Wesleyan
College)

Field of Specialization: Education

Karen Maciogge Coggins, Grove City
B.A. (Geneva College)

Field of Specialization: Education

Clarice Sue Combs, Polar, Wis.
B.S. (Wisconsin State University,
Oshkosh)

Field of Specialization: Physical
Education

Cheryl Strobel Connery, Winterville
B.S.Ed.

Field of Specialization: Education

Ann Reed Conrad, Columbus
B.S.Ed.

Field of Specialization: Education

Anne Elizabeth Conrad, Reynoldsburg
B.S. (Florida Southern College)

Field of Specialization: Education

Richard Alan Conway,
Toronto, Ont., Canada

B.A. (Knox College)

Field of Specialization: Political
Science

Mary Vermaaten Cook, Marietta
B.S.Ed. (Ohio University)

Field of Specialization: Education

Jan Elizabeth Corbally, Columbus
B.S.Ed.

Field of Specialization: Education

Charles Michael Corea, Cleveland
B.S.Ed. (Ohio University)

Field of Specialization: Education

Kathleen Wiget Corrao, Reynoldsburg
B.S.Ed.

Field of Specialization: Education

Ellen Brust Cotman, Columbus
A.B.Ed. (University of Michigan)

Field of Specialization: Education

Marilyn Martin Craig, Caledonia
B.S.Ed.

Field of Specialization: Education

Russell Lee Crance,
Clifton Forge, Va.

B.A. (Marshall University)

Field of Specialization: Physical
Education

James Robert Cromwell, Columbus
B.A.,B.S.Ed.

Field of Specialization: Education

David Montgomery Cross,
Rockport, Mass.

B.A. (University of Minnesota)

Field of Specialization: Psychology

Helena Mary Czepiec, Toledo
B.A. (University of Toledo)

Field of Specialization: Political
Science

Diane Tilton Davis, Warren
B.S.Ed.

Field of Specialization: Education

Brent Albert Dearbaugh, Columbus
B.A.Bus.Adm. (Wittenberg
University)

Field of Specialization: Education

Catherine Margaret Deatherage,
Columbus

B.A. (Ohio Wesleyan University)

Field of Specialization: Education

Mary Jane Beekley DeLuca,
Cincinnati
B.S. in Edu. (Miami University)
Field of Specialization: Education

Arsonia Virginia DePriest,
Sandston, Va.
B.A. (Hampton Institute)
Field of Specialization: Psychology

John Robert DeRing, Columbus
B.S.Ed.
Field of Specialization: Education

Patricia Ramona DeZelar, Norwalk
B.S.Ed., M.A.
Field of Specialization: Journalism

Daniel Anthony DiBiasio, Lakewood
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Sammy Lee Dorff, Westerville
B.S. (Kent State University)
Field of Specialization: Education

Roger Sollows Dow, Columbus
B.A. (Muskingum College)
Field of Specialization: Education

Earnestine Ashe Dozier,
Montgomery, Ala.
B.S. (Alabama State College)
Field of Specialization: Education

Thomas Samuel Drake, Columbus
B.S.Ed. (Otterbein College)
Field of Specialization: Education

Herman Henry Echols, Jr., Massillon
B.A.
Field of Specialization: Political Science

Mae Roberts Edmondson, Columbus
B.S.Ed.
Field of Specialization: Education

Melvin Philip Effron, Bowling Green
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education

David Lee Eichelberger, Springfield
B.S. (Wright State University)
Field of Specialization: Education

Daniel David Elasky, Massillon
B.A.
Field of Specialization: English

Nicholas Corby Elbaum,
Manchester, N. H.
B.S. (New Haven College)
Field of Specialization: Sociology

Donn Gerald Ellerbrock, Columbus
B.A.
Field of Specialization: History

John Richard Ellis, New Philadelphia
B.S.Ed. (Ohio University)
Field of Specialization: Education

Kathy L. Ellison, Mansfield
A.B. (Smith College)
Field of Specialization: Education

Barbara Karen Estrin,
Plainfield, N. J.
B.A. (University of Bridgeport)
Field of Specialization: Education

Kalevi Runo Falck, Helsinki, Finland
Diploma Eng. (Technical University)
Field of Specialization: Public Administration

John Robert Farley, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Education

Joseph Anthony Federico, Cleveland
B.A. (Cleveland State University)
Field of Specialization: Romance Languages

Robert Lee Fenwick, Alexandria, Va.
A.B. (University of California at Berkeley)
Field of Specialization: Dance

Linda Lorenz Finch, Barberton
B.A. (Mount Union College)
Field of Specialization: Education

Patricia Maureen Finnegan,
Reynoldsburg
B.S.Ed. (Muskingum College)
Field of Specialization: Education

David Gene Fisher, Columbus
B.A. (Wittenberg University)
Field of Specialization: Education

Donna May Fisher, West Jefferson
B.S.Ed.
Field of Specialization: Education

Patricia Lewis Foell, Galion
B.S.Ed.
Field of Specialization: Education

Terrele Mae Fossett, East Cleveland
B.A. (Virginia Union University)
Field of Specialization: Journalism

Harold Floyd Foster, Jr. Bellevue
A.B. (University of Nebraska)
Field of Specialization: Journalism

George Alfred Fox, Jr., Grove City
B.S. (United States Naval Academy);
A.M. (George Washington University)
Field of Specialization: Education

Kathryn Marie Fox, Columbus
B.A. (Saint Mary of the Woods College)
Field of Specialization: Music

Nick Gatz, Worthington
B.A. (Fenn College)
Field of Specialization: Public Administration

Pauline Rose Geiser, Dover
B.A. (Georgetown College)
Field of Specialization: Romance Languages

Clarence William Giffin, Johnstown
B.A. (Denison University)
Field of Specialization: Physical Education

Thomas Albert Giles, Columbus
B.S.Ed.
Field of Specialization: Education

Joann Rae Gilmore, Hubbard
B.S. in Educ. (Bowling Green State University)
Field of Specialization: Education

Terry Lynn Gladman, St. Paris
B.A.
Field of Specialization: Business Administration

Harriet Ann Albert Glaser, Newark
B.S.Ed.
Field of Specialization: Music

Nancy Ellen Glaser, Deal Park, N. J.
B.A. (Hofstra University)
Field of Specialization: History of Art

Susan Marie Sylvester Glick,
Columbus
B.A. (University of California at Irvine)
Field of Specialization: English

Maisie Thomas Glover, Columbus
B.S. in Ed. (West Virginia State College)
Field of Specialization: Education

Michael Anthony Godkin,
Birmingham, England
B.Sc. (University of London)
Field of Specialization: Geography

Elaine M. Goldband, Morristown, N.Y.
B.S. (Ithaca College)
Field of Specialization: Physical Education

Gloria Goldman, London, England
B.A. (University of London)
Field of Specialization: Psychology

Dennis Norman Gombert,
North Tonawanda, N. Y.
B.S.Ed. (State University College at Buffalo)
Field of Specialization: Political Science

David Clyde Good, Ashtabula
B.A. (Michigan State University);
B.D. (Northern Baptist Theological
Seminary)
Field of Specialization: Education

Helen Longshore Goodwin, Columbus
B.A. (De Pauw University)
Field of Specialization: Education

Joyce Nelson Gordon, Galion
B.S. in Educ. (Ashland College)
Field of Specialization: Education

Anne Elizabeth Gowan,
New Philadelphia
A.B. (Indiana University)
Field of Specialization: Education

Galen Hayes Graham, Lyndhurst
B.A. (College of the Holy Cross)
Field of Specialization: Classics

Michael Harris Gray, Knoxville, Tenn.
B.A. (University of Tennessee at
Knoxville)
Field of Specialization: Slavic
Languages

James Lee Green, Sylvania
B.S.Ed.
Field of Specialization: Education

Virginia Roux Greenwood,
New Bloomington
B.S.Ed. (Ohio Wesleyan University)
Field of Specialization: Education

Harry Russell Gregory, Bluffton
B.S. (Ed.) (Bluffton College)
Field of Specialization: Music

Carol Hall Griner, Circleville
B.S.Ed. (Capital University)
Field of Specialization: Physical
Education

Louis George Gross, Columbus
B.S.Ed.
Field of Specialization: Education

Sarah Bass Guckenheimer, Columbus
B.S.Ed.
Field of Specialization: Education

Sam Joseph Guerriero, Bellaire
A.B. (West Liberty State College)
Field of Specialization: History

Daniel Pierce Guy, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

Eileen Louise Hagen, Parma
B.A. (Case Western Reserve
University)
Field of Specialization: Psychology

Grete Hagtvedt, Oslo, Norway
Field of Specialization: Psychology

John Edward Hajjar, Columbus
B.S.Bus. Adm.
Field of Specialization: Public
Administration

Ruth Saddler Hale, Wilberforce
B.S. (Alabama Agricultural and
Mechanical College)
Field of Specialization: Education

Kathryn Lee Hall, St. Louis, Mo.
B.S.Ed. (University of Tulsa)
Field of Specialization: Education

Roger Allan Hall, Columbus
A.B. (Princeton University)
Field of Specialization: Theatre

Bruce Merritt Handley,
Irvington, N. Y.
B.S. (Ohio Northern University)
Field of Specialization: Physical
Education

Cynthia Gibson Hardy, Lisbon
B.S. (Bowling Green State
University)
Field of Specialization: Education

Raymond Earl Harlan, Louisville
B.A. (University of Dayton); M.A.
(Marquette University)
Field of Specialization: Philosophy

Deborah Cavendish Harman,
Columbus
B.A.
Field of Specialization: English

Trudier Harris, Tuscaloosa, Ala.
A.B. (Stillman College)
Field of Specialization: English

Anne Fitzgerald Hartung, Columbus
A.B. (Immaculate College)
Field of Specialization: Education

Anne Prentice Hawk, Columbus
B.S.Ed.
Field of Specialization: Education

Linda Kern Hayon, Columbus
B.S.Ed. (University of Texas)
Field of Specialization: Education

Ann Irene Heineman, Columbus
B.S. in Art Edu. (Edinboro State
College)
Field of Specialization: Art

Kathleen Grogan Henry, Urbana
B.S.Ed.
Field of Specialization: Education

Bonnie Lou Herron, Salem
B.Sc. (Kent State University)
Field of Specialization: Education

Jon Jeffrey Heuss, Columbus
B.S.Ed.
Field of Specialization: Education

Mary Shoberg Heuss, Columbus
B.S.Ed.
Field of Specialization: Education

Wavelyn Dougherty Hine,
Pittsfield, Mass.
B.M. (University of Cincinnati)
Field of Specialization: Music

Linda Lee Hoaja, Columbus
B.A. (Muskingum College)
Field of Specialization: Education

John Wallace Hoeffler, Mansfield
B.S.Ed.
Field of Specialization: English

Roberta Jean Holloway, Logan
B.S.Ed.
Field of Specialization: Physical
Education

Ernest Jacob Hopkins, Cleveland
B.S.Ed.
Field of Specialization: Education

Thomas Franklin Horne, Butler, Pa.
B.S. (Slippery Rock State College)
Field of Specialization: Physical
Education

Gail Virginia Horvath, Dayton
B.A. (Our Lady of Cincinnati College)
Field of Specialization: Education

Ruth Klingensmith Hough, Columbus
B.S.Ed.
Field of Specialization: Education

Tonya Rae Houser, Wooster
B.S. in Ed. (Ashland College)
Field of Specialization: Education

JoAnn Hlivka Hoverman,
Reynoldsburg
B.A. (Trenton State College)
Field of Specialization: Education

Edwina Jane Howe, Ashland
B.Mus. (Ohio Wesleyan University)
Field of Specialization: Education

Jean Wyeth Hume, London
B.S.Ed.
Field of Specialization: Education

Louis LaMond Hunt, Tiffin
B.S.Ed.
Field of Specialization: Education

James William Hunter, Shelby
A.B. (Princeton University)
Field of Specialization: Education

Richard George Ihlenndorf, Dayton
B.A. (University of Dayton)
Field of Specialization: Classics

John Milton Isidor, Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Education

Pamela Fischer Jagunic, Westerville
B.S.Ed. (Kent State University)
Field of Specialization: Education

- Eva Lapezynski Janeczek, Dublin
B.A.
Field of Specialization: Slavic Languages
- Harvey C. Jassem, Jamaica, N. Y.
B.A. (Queens College)
Field of Specialization: Speech Communication
- James Jefferson Jeffries, Columbus
B.A. (Wright State University)
Field of Specialization: Political Science
- Alfred Thomas Johnson,
North Lewisburg
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education
- James Bruce Johnson, Port Clinton
B.S.Ed.
Field of Specialization: Education
- Marcia Elizabeth Johnson,
Fairview Park
B.A. (Notre Dame College)
Field of Specialization: History
- Victoria Gatwood Johnson, Columbus
B.S.Ed.
Field of Specialization: Education
- Theodore Jolosky,
St. Louis Park, Minn.
B.A. (Carleton College)
Field of Specialization: Education
- Carolyn Edith Jones, Columbus
B.A. (Northwestern University)
Field of Specialization: Art Education
- Mary Jane Judge, Decatur, Ga.
A.B. (University of Georgia)
Field of Specialization: Political Science
- Cheryl Ball Jurrus, Columbus
B.A. (Valparaiso University)
Field of Specialization: Art Education
- Mary Orehovec Kearns, Brecksville
B.S. (Ohio University)
Field of Specialization: English
- Robin Birdsall Kelly, Columbus
A.B. (George Washington University)
Field of Specialization: Romance Languages
- Marilyn Jean Kesler, Columbus
B.A. (David Lipscomb College)
Field of Specialization: Education
- Gerald Alan Kesselman,
New York, N. Y.
A.B. (Case Western Reserve University)
Field of Specialization: Psychology
- David Mitchell Kieffer, Columbus
B.A.
Field of Specialization: Journalism
- Edith Ann Kimball, Columbus
B.S.Ed.
Field of Specialization: Education
- Craig C. King, Columbus
B.S.Ed.
Field of Specialization: Education
- Jessie Watson King, Columbus
B.S.Ed.
Field of Specialization: Education
- Charman Ann Kinzelman, Columbus
B.S.Ed.
Field of Specialization: Education
- Connie Mesnard Kirkland, Whitehouse
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education
- Betty Lou Kitts, Kitts Hill
A.B. (Ohio University)
Field of Specialization: Education
- Linda Rhoads Klein, Columbus
B.S.Ed.
Field of Specialization: Education
- Joyann Kohn, Warren
B.S.Ed.
Field of Specialization: Education
- Joanne Andrea Konefal, Clifton, N. J.
B.A. (Paterson State College)
Field of Specialization: Speech Communication
- Mary Jane Chittenden Kopp,
Columbus
B.A., B.S.Ed.
Field of Specialization: Education
- Mary Margaretha Korfhage,
Fern Creek, Ky.
B.S.H.Ec. (University of Kentucky)
Field of Specialization: Education
- Joseph James Kotva, Bedford
A.B. (Western Reserve University)
Field of Specialization: Agricultural Education
- Marcia Elizabeth Kozub, Cleveland
B.A. (Mount Union College)
Field of Specialization: Education
- George Milton Kreps, Columbus
B.S. (Manchester College); B.D. (Bethany Biblical Seminary)
Field of Specialization: Anthropology
- Judith Kay Krier, Columbus
A.B. (Indiana University)
Field of Specialization: Speech Communication
- Lon Stinson Kriner, Columbus
B.S. (Bowling Green State University)
Field of Specialization: Education
- Bruce Julius Krueger,
El Cajon, Calif.
B.S.Ed. (University of Wisconsin)
Field of Specialization: Education
- Arthur James Krumsee, Chicago, Ill.
B.A. (Northwestern University)
Field of Specialization: German
- Michael Martin Kumpf,
Maquoketa, Ia.
B.A. (Luther College)
Field of Specialization: Classics
- Patricia Beeman Kurrent, Columbus
B.S.Ed.
Field of Specialization: Education
- Rose Marie Conde LaCasse,
Des Moines, Ia.
B.S. (Marillac College)
Field of Specialization: Education
- Penelope Battin Lake, Canfield
B.S.Ed. (Concord College)
Field of Specialization: Education
- Patricia Strup Lally, Columbus
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education
- James Edward Lamb, Columbus
B.S.Ed.
Field of Specialization: Education
- Glennis Elbert Lambert, Columbus
B.S.Ed.
Field of Specialization: Education
- Werner Jurgen Lange, Youngstown
B.A.
Field of Specialization: Anthropology
- Diane Doult Langner, Columbus
A.B. (Grove City College)
Field of Specialization: Education
- Nancy Ann Lantz, Warren
B.S. (Mercyhurst College); M.S.
Field of Specialization: Education
- Kyle Lynn Latshaw,
Chester Springs, Pa.
B.Mus. (Butler University)
Field of Specialization: Music
- Linda Jean Laughrey, Kenton
B.S. (Defiance College)
Field of Specialization: Physical Education
- John Thomas Laut, Columbus
B.Edu. (University of Toledo)
Field of Specialization: Education

David Alvin Lawrence, Columbus
B.S.Ed.

Field of Specialization: Education

William Joseph Layer, Brooklyn, N.Y.
A.B. (Findlay College)

Field of Specialization: History

Dennis F. Laynor, Millersville, Pa.
B.A. (West Chester State College)

Field of Specialization: Education

Andrea Muri Leach, Columbus
B.S.Ed.

Field of Specialization: Education

MaryLou Leary, Worcester, Mass.
B.A. (Syracuse University)

Field of Specialization: Education

James Edward Lehman, Marion
B.S.Ed. (Miami University)

Field of Specialization: Education

Lance T. LeLoup, Latham, N. Y.
A.B. (Georgetown University)

Field of Specialization: Political
Science

Sharyn Sue Lewis, Columbus
B.S.Ed.

Field of Specialization: Education

Myrian Lee Mugge Lincoln,
Marshalltown, Ia.

B.A. (State College of Iowa)

Field of Specialization: Education

Robert William Littlehales, III,
Richfield, Minn.

A.B. (West Liberty State College)

Field of Specialization: History

Betty Garrun Livingstone, Columbus
B.A. (University of the

Witwatersrand South Africa)

Field of Specialization: Education

Laura Hicks Locke, Columbus
B.S.Ed.

Field of Specialization: Education

Michael Errol Locke,
Canal Winchester

B.S. (Bluffton College)

Field of Specialization: Physical
Education

Manuel London, Canton
A.B. (Case Western Reserve
University)

Field of Specialization: Psychology

Irene Cronin Lonergan, Columbus
B.A. (Texas Womans University)

Field of Specialization: Education

Robert Joseph Lonergan, Columbus
B.S. (Plymouth State College)

Field of Specialization: Education

Mark Thomas Long, Canton
B.Mus. (DePauw University)

Field of Specialization: Music

Rita Tardiff Long, Chillicothe
B.A.

Field of Specialization: Romance
Languages

Christopher Dunbar Lorish, Columbus
B.A. (Ohio Wesleyan University)

Field of Specialization: Education

Hazel Haun Loucks, Westerville
B.S. (Southern Illinois University)

Field of Specialization: Education

Michael Andrew Lower, Columbus
B.S.Ed. (University of Texas)

Field of Specialization: Education

Oscar Richard Lundy, Columbus
B.S.Ed.

Field of Specialization: Education

Patricia Armitage MacCleary,
Worthington

B.A. (University of Pittsburgh)

Field of Specialization: Education

Robert Francis Mahek, Shelby
B.S.Ed.

Field of Specialization: Education

Carol Freshwater Manchester,
East Liberty

B.S.Ed.

Field of Specialization: Education

Crosby Miller Manchester, III,
East Liberty

B.S.Ed.

Field of Specialization: Music

Margery Sue Manesberg,
St. Louis, Mo.

B.A. (Case Western Reserve

University)

Field of Specialization: Education

Harvey Howard Marmurek,
Downsview, Ont., Canada

B.A. (University of Toronto)

Field of Specialization: Psychology

Marilyn Ruth Marr, Memphis, Tenn.
B.A. (Memphis State University)

Field of Specialization: Journalism

Robert Wade Marsh, Grove City
B.S. in Ed. (Capital University)

Field of Specialization: Physical

Education

Kathleen Callanan Martin,
Silver Spring, Md.

B.A. (Dickinson College)

Field of Specialization: Sociology

Sister Ann Kateri Martinez,
New Orleans, La.

B.A. (Our Lady of Holy Cross

College)

Field of Specialization: Education

John Aloysius McCormack,
Yonkers, N. Y.

B.A. (Iona College)

Field of Specialization: Education

James Patrick McCormick,
Grove City

B.S.Ed. (Ohio University)

Field of Specialization: Education

Claire Elaine McCoy, Jackson
B.A. (Otterbein College)

Field of Specialization: English

Mary O'Neill McElroy, Columbus
B.S. (Mississippi State College for

Women)

Field of Specialization: Education

Vaughneda Betz McGinnis, Columbus
B.S. (Rio Grande College)

Field of Specialization: Education

Stephen Robert McKiernan,
Lisle, N. Y.

B.A. (Harpur College)

Field of Specialization: Education

Sandra Kay McLaughlin,
New Augusta, Miss.

B.S. (Jackson State College)

Field of Specialization: Education

Delores Evelyn McNeil, Corona, N. Y.
B.S.Ed. (Central State University)

Field of Specialization: History

Richard F. Mehl, Neffs

B.S.Ed. (Ohio University)

Field of Specialization: Education

Dean W. Meier, Osage, Ia.

B.A. (State College of Iowa)

Field of Specialization: Education

Kathleen Robinson Metcalf, Utica
B.S.Ed.

Field of Specialization: Education

Delores Bell Mick, Columbus

B.A. (Iowa State Teachers College);

B.A. (Drake University)

Field of Specialization: Education

Patricia White Mick, Columbus
B.S.Ed. (Ohio University)

Field of Specialization: Education

Emily Matuszek Mieczkowski, Newark
B.S. (College of Steubenville)

Field of Specialization: Education

Susan Anne Miesmer, Closter, N. J.
B.A. (Ithaca College)

Field of Specialization: Romance
Languages

Elizabeth Brandt Miller, Columbus
A.B. (Wheeling College)
Field of Specialization: Education

Linda Goodrich Miller, Columbus
B.S.Ed.
Field of Specialization: Education

Michael Kent Miller, Columbus
B.S. in Ed. (Ball State Teachers
College)
Field of Specialization: Education

Dorothy Penska Mills, Columbus
A.B. (Ohio University)
Field of Specialization: Education

Joseph Michel Montes,
National City, Calif.
A.B. (University of Redlands)
Field of Specialization: Education

Debora Gross Moon, Worthington
A.B. (Western Reserve University)
Field of Specialization: Education

Redelle Levine Moore,
Warrensville Heights
B.S. (Claffin College)
Field of Specialization: Education

Vincent Joseph Moraghan,
Worthington
A.B. (Borromeo Seminary of Ohio)
Field of Specialization: Education

Suzanne Ball Morgan, Columbus
B.A.
Field of Specialization: Romance
Languages

John Irvine Morrison, Columbus
B.S.Ed.
Field of Specialization: Education

Sharyn May Morse, Columbus
B.S. in Educ. (Miami University)
Field of Specialization: Education

Murphy D. Moultry, Columbus
B.S.Ed. (Capital University)
Field of Specialization: Education

Connie Plapp Mueller, Columbus
B.S.Ed.
Field of Specialization: Education

John Loren Muhlbach, Columbus
B.S.Ed.
Field of Specialization: Education

Robert Jan Mulcahy, Youngstown
B.A.
Field of Specialization: English

Sister Anne Theresa Murray,
Columbus
B.S. in Educ. (College of Saint Mary
of the Springs)
Field of Specialization: Education

Susan Jane Meeth Musheno,
Parma Heights
B.S.Ed.
Field of Specialization: Education

Michael Kerry Neal, Dayton
B.S. (Central State College)
Field of Specialization: Education

Angela Stroh Neasse, Marysville
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

John Edward Nicholson, Lima
B.S.
Field of Specialization: Education

Ethel Patricia Nichols,
Wellsburg, W. Va.
A.B. (West Liberty State College)
Field of Specialization: Speech
Communication

Barbara Ann Oney, Carrollton
B.A. (Transylvania College)
Field of Specialization: Speech
Communication

Shirley Berry Oravec, Reynoldsburg
B.A. (Capital University)
Field of Specialization: Art

James Herbert Orsborn, Mt. Gilead
B.S.Ed. (Ohio University)
Field of Specialization: Education

Myron Wallace Osborn, III, Columbus
B.S.Bus.Adm.
Field of Specialization: Business
Administration

William C. Pees, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Physical
Education

Joyce Deifenbaugh Pemberton,
Columbus
B.S. (Manchester College)
Field of Specialization: Education

Patricia Lee Pennington,
Richmond, Surrey, England
B.A. (Newcomb College of Tulane
University)
Field of Specialization: Romance
Languages

Noreen Galazia Perkins, Columbus
B.S.Ed. (Youngstown State
University)
Field of Specialization: Education

Robert Lee Peters, Groveport
B.S.Ed.
Field of Specialization: Education

Kathleen Ann Pichola, Elyria
B.A. (Denison University)
Field of Specialization: Education

Anthony John Piehowicz, Columbus
B.S.Ed.
Field of Specialization: Education

Sandra Kay Pierson, Lima
B.S.Ed.
Field of Specialization: Education

Rosario Poirier,
Charlesbourg, Que., Canada
Licence (University of Montreal);
Licence (University of Laval)
Field of Specialization: Education

Georgeane Sue Jaeger Poplar,
Amherst
B.Sci. (Kent State University)
Field of Specialization: Education

James Gilbert Price,
Cleveland Heights
B.S.Ed.
Field of Specialization: Physical
Education

Virginia K. Price, Westerville
B.S.Ed.
Field of Specialization: Education

Patricia Ann Purdy, Springfield
B.S.Ed.
Field of Specialization: Education

Tinina Susan Quick, Washington, D.C.
B.A. (University of Cincinnati)
Field of Specialization: Education

Carol Hirsch Radnor, Columbus
B.S.Ed.
Field of Specialization: Education

George Henry Ramsey, Jr.,
Anderson, Ind.
B.A. (Anderson College)
Field of Specialization: Political
Science

Sister Mary Louise Rathert,
Omaha, Neb.
B.A. (Rosary College)
Field of Specialization: Education

Thomas Joseph Rawe,
Alfred Station, N. Y.
B.S. (Clarkson College of Technology)
Field of Specialization: Dance

Warren Thomas Rayder, Columbus
B.A. (Valparaiso University)
Field of Specialization: Education

Janet Nottbusch Ream, Columbus
A.B. (Earlham College)
Field of Specialization: Education

Sandra Ellen Reed, Columbus
B.S.Ed.
Field of Specialization: Education

Barbara Sue Reisenbickler,
Webster Groves, Mo.
A.B. (University of Missouri)
Field of Specialization: Psychology

Lawrence Lewis Riccio, Margate, N. J.
B.S.
Field of Specialization: Education

Linda Lee Roberts, Genoa
B.S.Ed.
Field of Specialization: Dance

Rita Catherine Rodgers, Ada
A.B. (Ohio University)
Field of Specialization: English

Robert Randall Rodich, Columbus
B.S.Ed. (Capital University)
Field of Specialization: Physical
Education

Naomi Waller Rose, Cleveland
B.S. (Bluefield State College)
Field of Specialization: Education

Ted Edward Rose, Columbus
B.S.Ed. (Bowling Green State
University)
Field of Specialization: Physical
Education

Robert Silverstein Rosenberg,
Columbus
B.Ed. (University of Miami)
Field of Specialization: Education

Joanne Roth, Marion
B.S.Ed.
Field of Specialization: Education

Linda Hammond Rothman, Columbus
B.S.Ed.
Field of Specialization: Education

Kathleen Elizabeth Rowe, Attica
B.A. (Capital University)
Field of Specialization: Education

Richard Lee Rubinfeld,
Franklin Square, N. Y.
B.A. (Hofstra University)
Field of Specialization: History of
Art

Catherine Estelle Rudder, Atlanta, Ga.
A.B. (Emory University)
Field of Specialization: Political
Science

Billy Charles Russell, Dayton
B.S. (Central State College)
Field of Specialization: Public
Administration

Leona Linda Samuels, Medford, N. Y.
B.S. (Central State College)
Field of Specialization: History

Bonnie Allison Sandman, Columbus
B.A.
Field of Specialization: Speech
Communication

Noreen Cheryl Scanlan, Hometown, Ill.
B.A. (Saint Xavier College)
Field of Specialization: Education

Karen Ensign Schafer, Springfield
B.S.H.S. (Ohio University)
Field of Specialization: Speech
Communication

Tricia Kay Schaum, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Michael Joseph Schmidt, Detroit, Mich.
B.A. (Wayne State University)
Field of Specialization: Psychology

Gary Lee Schneider, Lancaster
B.S. (Austin Peay State College)
Field of Specialization: Education

Susan Elizabeth Schneider, Avon
A.B. (College of Mount Saint
Joseph on the Ohio)
Field of Specialization: English

Edward John Schober, Cleveland
B.A. (Cleveland State University)
Field of Specialization: Education

Steven Herschel Schreiber, Columbus
B.A.
Field of Specialization: Education

Paul Edward Schroeder, Cleveland
B.S.
Field of Specialization: Journalism

Sandra Pound Schultz, Newark
B.S.Ed.
Field of Specialization: Education

Faye Burkhart Schwartz, Westerville
B.S.Ed.
Field of Specialization: Education

Beverly Planinsek Schwemlein,
Aspinall, Pa.
B.A. (Carlow College)
Field of Specialization: English

Douglas Alfred Scorrar,
Ottawa, Ont., Canada
B.S.Bus.Adm.
Field of Specialization: Geography

Icylene Brunner Scott, Columbus
B.A.
Field of Specialization: Education

Richard Lewis Scott, Lewisville
B.S.Ed.
Field of Specialization: Education

William John Sedor, Shadyside
B.S.Ed.
Field of Specialization: Education

Sharon Coreoran Seggerson, Columbus
B.S.Ed. (University of Dayton)
Field of Specialization: Education

Roger Russell Seip, Blandon, Pa.
B.A. (Pennsylvania State University)
Field of Specialization: Journalism

Donna Marie Senko,
New Brunswick, N.J.
A.B. (Rutgers, The State University)
Field of Specialization: German

Carl Francis Sever, Columbus
B.A.
Field of Specialization: Education

James Edwin Seward,
Cheektowago, N. Y.
B.A. (State University of New York
at Buffalo)
Field of Specialization: Speech
Communication

Margaret Ellen Flahive Shade,
Delaware
B.S.Ed. (Miami University)
Field of Specialization: Physical
Education

William James Shannon,
Wheeling, W. Va.
B.S.Ed. (West Virginia University)
Field of Specialization: Education

Hubert Seely Shaw, Jr., Columbus
A.B. (Bowdoin College)
Field of Specialization: Education

David Winter Shelby, Columbus
B.S.Ed.
Field of Specialization: Education

Jack Edward Sherman,
Los Angeles, Calif.
B.A. (California State College at
Los Angeles)
Field of Specialization: Psychology

Mary Ann Shump, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Steven Layton Sidlo, Columbus
B.A. Jour.
Field of Specialization: Journalism

Jane Vollrath Sieberth, Marysville
B.S.Ed.
Field of Specialization: Education

Diane Mary Skaar, Wausau, Wis.
B.A. (Rosary College)
Field of Specialization: Education

Curtis Johnston Smith,
Thousand Oaks, Calif.
B.A. (California Lutheran College)
Field of Specialization: English

Edward Jerome Smith, Warren
B.S.Ed.

Field of Specialization: Education

Linda Roberts Smith,
Northgarden, Va.
B.M.E. (Madison College)
Field of Specialization: Music

William Duane Smith, Lawrence, Kan.
B.S. (Fort Hays Kansas State
College)
Field of Specialization: Education

Deena Evans Snapp, Columbus
B.S.Ed.
Field of Specialization: Education

Ronald Joseph Sniderman,
Ypsilanti, Mich.
B.A. (Oakland University)
Field of Specialization: Education

Helen Cooke Snyder, Waverly
B.S. (Berea College)
Field of Specialization: Education

Timothy Preston Spengler,
South Charleston, W. Va.
B.A. (Muskingum College)
Field of Specialization: Slavic
Languages

Rita Nicholson Spooner, Columbus
B.S. (Wilson Teachers College)
Field of Specialization: Education

Nancy Ann Sprout, Lititz, Pa.
B.S.Ed. (Millersville State College)
Field of Specialization: Education

John Michael Stanley, Columbus
B.A. (Miami University)
Field of Specialization: Education

Nancy Allyson Stanley,
East Liverpool
B.A. (Muskingum College)
Field of Specialization: English

Shirley Staples, Lineville, Ala.
B.S. (Tuskegee Institute)
Field of Specialization: Journalism

Otto Charles Stegmaier, Cleveland
A.B. (John Carroll University)
Field of Specialization: Education

Raymond Alan Steinmetz,
North Ridgeville
B.S.Ed.
Field of Specialization: Education

Richard Ulen Stephens, Hillsboro
B.A., B.S.Ed.
Field of Specialization: Education

Sister Doris Ann Steppe,
Plaquemine, La.
B.A. (Our Lady of Holy Cross
College)
Field of Specialization: Education

James Frank Stewart,
Matheny, W. Va.
B.S. (West Virginia Institute of
Technology)
Field of Specialization: Education

Dale Paul Stitz, North Canton
B.A. (Malone College)
Field of Specialization: Education

Satoshi Sugita, Saitama-Ken, Japan
B.Econ. (Aoyama Gakuin University)
Field of Specialization: Journalism

Charles Thomas Sullivan, Columbus
B.A.
Field of Specialization: Education

Barbara Lee Summers,
Leavenworth, Kan.
B.S. in Educ. (Kansas State Teachers
College)
Field of Specialization: Education

Lisa Factor Taft, Sandusky
B.A. (Bowling Green State
University)
Field of Specialization: History of
Art

Herbena Erbaugh Terhune,
Mt. Sterling
B.S. in Ed. (Bowling Green State
University)
Field of Specialization: Music

Grant Ian Thrall, San Gabriel, Calif.
B.A. (California State College at
Los Angeles)
Field of Specialization: Economics

Michael Richard Todd, Marion
B.A. (Muskingum College)
Field of Specialization: Education

Annie Houser Tolle, Port Clinton
B.A. (Purdue University)
Field of Specialization: Physical
Education

Suzanne Sites Trace,
Washington, D. C.
B.A. (George Washington University)
Field of Specialization: Journalism

Denise Mary Trauth, Cincinnati
A.B. (College of Mount Saint Joseph
on the Ohio)
Field of Specialization: Journalism

Walter William Trimble, Columbus
B.A.
Field of Specialization: Journalism

Joan Gilbert Uhl, Columbus
B.S.Ed.
Field of Specialization: Education

Florence Frances Unetich, Cleveland
B.A., B.S.Ed.
Field of Specialization: Education

Elizabeth Dietrich Vajen, Columbus
B.S.Nurs.

Field of Specialization: Physical
Education (Health Education)

Gary Lee John Van Arsdale, Columbus
B.S.Ed. (Ashland College)
Field of Specialization: Education

Rosemary Duffy Van Eman, Columbus
B.S.Bus.Adm.
Field of Specialization: Education

Larry Edward Vaughan, Columbus
B.A.
Field of Specialization: Political
Science

Clara Smith Vaughn, Lancaster
A.B. (Ohio University)
Field of Specialization: Psychology

Dennis Francis Verhoff, Leipsic
B.S. (University of Dayton) ; A.M.
(University of Pennsylvania)
Field of Specialization: Political
Science

John William Vernon, Jr.,
Caretta, W. Va.
B.S. (Bluefield State College)
Field of Specialization: Education

Patricia Conley Vogt, Columbus
B.S.Ed. (State University of New
York at Buffalo)
Field of Specialization: Education

George Joseph Vranekovic, Euclid
A.B. (University of Miami)
Field of Specialization: Psychology

Gregory Stephen Waddell, Columbus
B.A.
Field of Specialization: Education

Harry Neff Waldron, III,
Natchitoches, La.
B.A. (Northwestern State College of
Louisiana)
Field of Specialization: History

Colleen Hooten Walls, Westerville
B.S.E. (University of Arkansas)
Field of Specialization: Education

Elizabeth Ann Walpole, Dimock, Pa.
B.A. (American University)
Field of Specialization: Journalism

William Joseph Weaver, Columbus
B.S.Ed.
Field of Specialization: Education

Don Robert Weimer, Columbus
B.S.Ed.
Field of Specialization: Education

Kenneth Charles Weiss, Columbus
B.S.Ed.
Field of Specialization: Education

Cheryl Kolleda Wendell, Marion
B.S. (Ashland College)
Field of Specialization: Education

Ann Elizabeth West, Spencer
A.B. (Heidelberg College)
Field of Specialization: Education

Michael Allen West,
Colorado Springs, Colo.
B.A. (San Jose State College)
Field of Specialization: History

Martha Kay Wheeler, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Carolyn Lee Beach White, Columbus
B.S.Ed.
Field of Specialization: Education

Gary Robert Wiepkink, Columbus
B.S.Bus.Adm. (Ashland College)
Field of Specialization: Education

Kenneth Parnellee Wilcox, Flint, Mich.
B.A. (Oakland University)
Field of Specialization: German

Anna Claffey Williams, Columbus
B.S.Ed.
Field of Specialization: Education

Charles Henry Williams, Cleveland
B.S.Ed. (Bowling Green State
University)
Field of Specialization: Education

Mary Ann Sheridan Williams, Dayton
B.A. (Wilmington College)
Field of Specialization: Theatre

Janet McFarland Wise, Columbus
B.A. (Mount Union College)
Field of Specialization: Education

Virginia Sindel Witte, Columbus
B.S.Ed.
Field of Specialization: Education

Lelan Keith Woodmansee, Columbus
B.A.
Field of Specialization: Journalism

Roger Blair Woodrome,
Rosiclare, Ill.
B.A. (Southern Illinois University)
Field of Specialization: Education

George Wendell Wooster,
Eatonville, Wash.
B.S. in Physics (Washington State
University)
Field of Specialization: Education

Patricia Ann Worthy, Canton
B.Art.Ed.
Field of Specialization: Education

Paul Joseph Wright, Columbus
B.S.Ed.
Field of Specialization: Education

William Francis Wyar, Berea
B.A. (University of Notre Dame)
Field of Specialization: Psychology

Sharon Schmelling Wylie, Columbus
B.A. (University of North Dakota);
B.S.Ed.
Field of Specialization: Education

Warren Phillip Yarnell,
Silver Spring, Md.
B.A. (George Washington University)
*Field of Specialization: Political
Science*

John Mark Yatko, Columbus
B.A. (Kings College)
Field of Specialization: Education

Jeffrey Lee Yearing, Ridgewood, N. J.
B.S. (Springfield College)
*Field of Specialization: Physical
Education*

Wanda Phillips Yoder, Columbus
B.A. (Anderson College)
Field of Specialization: Education

Joyce Ann Young, Columbus
B.S.Ed.
Field of Specialization: Education

Bernard Louis Zacharias, Columbus
B.S.Ed. (Wisconsin State University)
*Field of Specialization: Public
Administration*

Master of Business Administration

Thirty-one candidates

David Cecil Anderson, Columbus
B.M.E.
*Field of Specialization: Business
Administration*

Leopold Anthony Avallone,
Lowville, N. Y.
B.S.E.E. (Rensselaer Polytechnic
Institute); B.S.Bus.Adm.

Daniel Lee Boone, Columbus
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Earl Alan Braun, Columbus
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Michael William Callaghan, Bellevue
B.B.A. (University of Notre Dame)
*Field of Specialization: Business
Administration*

Caleb Douglas Carter, Columbus
B.S. (University of Maryland)
*Field of Specialization: Business
Administration*

Donald Eugene Clark, Beloit
B.S.Bus.Adm., B.S.Ed.
*Field of Specialization: Business
Administration*

Kenneth Louis Coleman,
Centralia, Ill.
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Gary David Drake, Columbus
B.S. (Ohio University)
*Field of Specialization: Business
Administration*

Ronald Leroy Ernst,
Naperville, Ill.
B.S. (Indiana University)
*Field of Specialization: Business
Administration*

Milton Dolan Fritschle, Jr., Lakewood
B.S. (Baldwin-Wallace College)
*Field of Specialization: Business
Administration*

Robert Eugene Fry, Jr., Columbus
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

William Fred Gahr, Jr., Dayton
B.S. in Com. (University of Kentucky)
*Field of Specialization: Business
Administration*

Rolla Philip Giles, Woodward, Okla.
B.A. (Oklahoma City University)
*Field of Specialization: Business
Administration*

Daniel Allan Gorrell, Granville
B.A. (Miami University)
*Field of Specialization: Business
Administration*

David Lee Harris, Lima
B.A. (Otterbein College)
*Field of Specialization: Business
Administration*

Adrian Hekking, Columbus
B.A. (University of Maryland)
*Field of Specialization: Business
Administration*

David Lawrence Heron,
Hopedale, Mass.
B.A. (University of Massachusetts)
Field of Specialization: Business
Administration

Thomas Paul Hyle, Lancaster
B.S.Bus.Adm.
Field of Specialization: Business
Administration

Charles Scott Joubanc, Columbus
B.Ch.E., M.S.
Field of Specialization: Business
Administration

Mark Harry Karns, Monclova
B.A.
Field of Specialization: Business
Administration

John Mason Leith, Columbus
B.A.
Field of Specialization: Business
Administration

Harold William Lownie, Jr., Columbus
B.S. in Ch.E. (Purdue University);
M.S. (University of Pittsburgh)
Field of Specialization: Business
Administration

John Eugene Miller, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Business
Administration

Kenneth Ernest Miller,
Willoughby, Australia
B.Com. (University of New South
Wales)
Field of Specialization: Business
Administration

Denison Neale, Jr., Columbus
B.A. (Hanover College)
Field of Specialization: Business
Administration

Desmond Hubert O'Halloran,
Cork, Ireland
B.Com., M.Econ. (University College,
Dublin)
Field of Specialization: Business
Administration

Kent Kagay Rinker, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Business
Administration

Steven Romann Smith, Cincinnati
B.S. (Miami University)
Field of Specialization: Business
Administration

Francis Thomas Stofa, Columbus
B.A.
Field of Specialization: Business
Administration

Robert Wayland Uhl, Columbus
B.S.Bus.Adm.
Field of Specialization: Business
Administration

Master of City Planning

Nine candidates

Wiley Hill Clodfelder, Columbus
B.F.A.
Field of Specialization: City and
Regional Planning

Peter George Dorpalen, Columbus
A.B. (Earlham College)
Field of Specialization: City and
Regional Planning

Robert Russell Hahn,
San Francisco, Calif.
A.B. (University of California at
Berkeley)
Field of Specialization: City and
Regional Planning

Wayne Joseph Hoffman, Columbus
B.A.
Field of Specialization: City and
Regional Planning

Frank Ronald Leone, Youngstown
B.A.
Field of Specialization: City and
Regional Planning

John Allan Marshall,
Hamilton, Ont., Canada
B.A. (McMaster University)
Field of Specialization: City and
Regional Planning

Barbara Beth McClure,
Pendleton, S. C.
B.A. (University of North Carolina)
Field of Specialization: City and
Regional Planning

Ronald Harris Miller, St. Louis, Mo.
A.B. (Indiana University)
Field of Specialization: City and
Regional Planning

William Lee Toner, Cincinnati
B. of Arch in F.P.A. (Kent State
University)
Field of Specialization: City and
Regional Planning

Master of Fine Arts

Twelve candidates

Mary Weber Bennett, Hartford, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Fine Arts
(Graphics)

Richard Allan Bredberg,
Clearwater, Fla.
B.F.A. (University of Florida)
Field of Specialization: Fine Arts
(Sculpture)

Relious Charles Byers, Dunbar, W. Va.
B.S. in Ed. (West Virginia State
College)
Field of Specialization: Fine Arts
(Graphics)

James Vincent Carpino, Martins Ferry
B.A. (College of Steubenville)
Field of Specialization: Fine Arts
(Graphics)

Leeann Gatchell, Findlay
B.A.
Field of Specialization: Theatre

Boris Gruenwald, Columbus
Certificate (State Art Academy,
West Germany)
Field of Specialization: Fine Arts
(Sculpture)

Jo Ann Parkinson Holtrey, Edison
B.F.A.
Field of Specialization: Fine Arts
(Graphics)

Christina Maria Siegle, Tiffin
B.A. (Bowling Green State
University)
Field of Specialization: Theatre

Susan Geraldine Snider,
Lafayette, Ind.
A.B. (Indiana University)
Field of Specialization: Fine Arts
(Ceramics)

George Jacob Utz, Reynoldsburg
B.F.A. (University of Illinois)
Field of Specialization: Fine Arts
(Ceramics)

William James Williams, Columbus
B.F.A.
Field of Specialization: Fine Arts
(Sculpture)

Edward Alexander Youngman, Toledo
B.A. (Denison University)
Field of Specialization: Fine Arts
(Ceramics)

Master of Music

Two candidates

Harold Allen Davis, Highland
B.S.Ed.
Field of Specialization: Music

Carole Virginia Knapp, Columbus
B.Mus., B.S.Ed.
Field of Specialization: Music

Master of Science

One hundred and eighty-nine candidates

Girmai Abraham,
Addis Ababa, Ethiopia
B.S.Agr. (Haile Sellassie University)
Field of Specialization: Agricultural
Economics and Rural Sociology

Judy Arlene Angle, Bellefontaine
B.S. in Phys. Ther.
Field of Specialization: Allied
Medicine

Michael Joseph Antochow,
Maple Heights
B.M.E.
Field of Specialization: Mechanical
Engineering

Julie Elaine Arnold, Amelia, Va.
B.S. (Madison College)
Field of Specialization: Home
Economics

Dean Tze-yue Au, Taipei, Taiwan
B.S.E. (Taiwan Cheng Kung
University)
Field of Specialization: Electrical
Engineering

Gary Allen Bambauer, Sunbury
B.S.Agr.
Field of Specialization: Agricultural
Education

John William Bastian, Tiffin
B.S.Agr.
Field of Specialization: Agricultural
Economics and Rural Sociology

Parthapratim Basu,
West Bengal, India
B.V.Sc. and A.H. (University of
Calcutta)
Field of Specialization: Pharmacy

Jerome Frederic Beekman, Columbus
B.Ch.E.
Field of Specialization: Chemical
Engineering

Ronnie Lee Bennett, Dayton
B.S.E.E. (Howard University)
Field of Specialization: Electrical
Engineering

Jerry Willard Berg, Dalton
B.S.Agr.
Field of Specialization: Agricultural
Education

Jean Gruff Berkwitz, New York, N. Y.
B.S.H.E.
Field of Specialization: Home
Economics

Ramesh Kumar Bhargava,
Dholpur, India
B.Sc., M.Sc. (Agra University)
Field of Specialization: Dairy Science

Veena Bhatia, New Delhi, India
B.Tech. (Indian Institute of
Technology); M.C.P.
Field of Specialization: Civil
Engineering

Nguyen Ngoc Bich,
Gia Dinh, South Vietnam
B.Met.E.
Field of Specialization: Metallurgical
Engineering

Raymond Ronald Bosecker,
Mt. Carmel, Ill.
B.S. (Southern Illinois University);
M.S.
Field of Specialization: Statistics

Robert Carl Bradbury,
Altamonte Spring, Fla.
B.S. (College of the Holy Cross);
M.S.A. (George Washington
University)
Field of Specialization: Preventive
Medicine

Dorothy Ann Brooks, Columbus
B.S. in Ed. (University of Kansas)
Field of Specialization: Home
Economics

Thomas Roland Brooks, Rocky River
B.A. (Baldwin-Wallace College)
Field of Specialization: Computer and
Information Science

Margaret Ellen Cain, Middletown
B.S. (University of Dayton)
Field of Specialization: Home
Economics

George David Carpenter, Lima
B.S.A.A.E.
Field of Specialization: Mechanical
Engineering

Jeanette Kay Chambers, Columbus
B.S. (University of Wisconsin)
Field of Specialization: Nursing

Hoan Moses Chung, Seoul, Korea
B.S. (Seoul National University)
Field of Specialization: Chemistry

Bruce Alan Claugus, Barnesville
B.C.E.
Field of Specialization: Engineering
Mechanics

Clarkson Lee Coffin, Columbus
B.S.A.E. (Purdue University)
Field of Specialization: Mechanical
Engineering

Linda Susan Cohen, Chicago, Ill.
B.S. (University of Illinois)
Field of Specialization: Pharmacy

Anthony Jay Collier, Columbus
B.S.C.E.
Field of Specialization: Civil
Engineering

Dale Eugene Cooley, Dayton
B.S. in A.E. (University of Wichita)
Field of Specialization: Aeronautical
and Astronautical Engineering

Harold Raymond Cooper, Columbus
B.S.
Field of Specialization: Microbiology

Dean Francis Cornwell, Columbus
B.S.E.P.
Field of Specialization: Electrical
Engineering

*George Christopher P. Crall, Bucyrus
Field of Specialization: Mechanical
Engineering

Marianna Protsman Crawford,
Live Oak, Fla.
B.S. (Florida State University)
Field of Specialization: Home
Economics

Thomas P. Cribbs, III, Apollo, Pa.
B.Ch.E.
Field of Specialization: Chemical
Engineering

Phillip Leonard Daniel, Chillicothe
B.S. (University of Kentucky)
Field of Specialization: Metallurgical
Engineering

James Raymond Darwood, Van Wert
B.S.
Field of Specialization: Botany

† Ronald Benjamin Dickerson,
Columbus
Field of Specialization: Civil
Engineering

John Laurence Donaldson, Lyndhurst
B.S. (Case Western Reserve
University)
Field of Specialization: Mathematics

Gerald Leroy Doty, Miamisburg
Field of Specialization: Mechanical
Engineering

* Also Bachelor of Mechanical Engineering,
College of Engineering
† Also Bachelor of Civil Engineering
College of Engineering

John James Dougherty, Jr., Fairborn
B.S. (United States Air Force
Academy)
Field of Specialization: Biophysics

Ravinder Nath Dua, Delhi, India
B.S. (University of Delhi)
Field of Specialization: Civil
Engineering

Roland Roy Dute, South Amherst
B.S.
Field of Specialization: Botany

Richard Gerald Edison, Columbus
B.A.
Field of Specialization: Computer and
Information Science

Donald Ross Edmonston, Dayton
B.S. (United States Military
Academy)
Field of Specialization: Electrical
Engineering

D'Aun Terry Waggoner Edmunds,
Monterey Park, Calif.
B.S. (California State Polytechnic
College)
Field of Specialization: Home
Economics

Sebastian Lema Ekenobi, Columbus
B.S.E. (University of New Brunswick,
Canada)
Field of Specialization: Geodetic
Science

James Eugene Ellis, Warren
B.S.
Field of Specialization: Zoology

Martha Anne Hill Evans, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Donna Lou Eyster, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Nursing

Steven Douglas Falls, Bowling Green
B.S.Agr.
Field of Specialization: Agricultural
Economics and Rural Sociology

Louis Joseph Fazio, Palisade, N. J.
D.M.D. (New Jersey College of
Medicine and Dentistry)
Field of Specialization: Dentistry

Joseph R. Fiedler, Kettering
A.B. (Harvard University)
Field of Specialization: Mathematics

Philip Doyle Flenner, Mansfield
B.W.E.
Field of Specialization: Welding
Engineering

Richard Banbury Ford, Brecksville
B.S.Agr., D.V.M.
Field of Specialization: Veterinary
Physiology and Pharmacology

George Stuart Frahm,
Frankenmuth, Mich.
Field of Specialization: Welding
Engineering

Carl Grover Frederick, Jr., Cleveland
B.A. (Ohio Wesleyan University)
Field of Specialization: Nuclear
Engineering

°Albert Allen Freeman, Marysville
Field of Specialization: Welding
Engineering

Garth Bowen Freeman, Atlanta, Ga.
B.S. (Georgia Institute of
Technology)
Field of Specialization: Physics

Richard Harry French, Chillicothe
B.C.E.
Field of Specialization: Civil
Engineering

Ronald Lee Fuller, Columbus
B.S.Agr.
Field of Specialization: Agricultural
Education

Elmer Joseph Fundermark, Conneaut
B.S.Agr.
Field of Specialization: Agricultural
Education

Jay Richard Geib, Lititz, Pa.
B.S. (New Mexico State University)
Field of Specialization: Chemistry

Mary Jo Gerst, Athens
B.S.Ed., B.S.H.E. (University of
Cincinnati)
Field of Specialization: Home
Economics

Frederick Dale Glasser,
Pittsburgh, Pa.
B.S. (Otterbein College)
Field of Specialization: Chemistry

Barbara Ann Good, Seville
B.S. (Baldwin-Wallace College)
Field of Specialization: Home
Economics

Peter Harold Greaney,
Salisbury, Mass.
B.A. (State College at Bridgewater)
Field of Specialization: Geology

Anne Louise Greiner,
Webster City, Ia.
B.S. (University of Iowa)
Field of Specialization: Pathology

John Ronald Grischow, Struthers
B.A. (Brown University)
Field of Specialization: Physics

David Ross Gross, Columbus
B.S., D.V.M. (Colorado State
University)
Field of Specialization: Veterinary
Physiology and Pharmacology

David Paul Grubb, West Chester
B.S.E.P.
Field of Specialization: Nuclear
Engineering

Karl John Hagedorn, Cleveland
B.S.Agr.
Field of Specialization: Agricultural
Education

Sarah Anne Halliburton,
Murfreesboro, Tenn.
B.S.Nurs. (Saint Louis University)
Field of Specialization: Nursing

Sandra Marie Hampel, Middletown
B.S. (University of Dayton)
Field of Specialization: Home
Economics

Kenneth Roger Hanby, Worthington
B.S. in Ch.E. (Lehigh University)
Field of Specialization: Metallurgical
Engineering

Rodney Keith Hannah, Barberton
B.S. in Edu. (Kent State University)
Field of Specialization: Mathematics

Gwendolyn Thompson Hedgepeth,
Orangeburg, S. C.
B.S.H.E. (South Carolina State
College)
Field of Specialization: Home
Economics

Linda Diane Heding, Brookside, N. J.
B.S. (Elizabethtown College)
Field of Specialization: Microbiology

Norman Carl Henderson,
Woodbury, N. J.
B.Sc. in M.E. (Drexel Institute of
Technology)
Field of Specialization: Mechanical
Engineering

Floyd Roger Hess, Jr., Mt. Vernon
B.E.E.
Field of Specialization: Electrical
Engineering

Katherine Ann Hess, Columbus
B.S.
Field of Specialization: Physiology

* Also Bachelor of Welding Engineering,
College of Engineering

Sister Margaret Mary Hite,
Louisville, Ky.
B.S.Nurs. (Catherine Spalding
College)
Field of Specialization: Nursing

Arthur Woodward Hoadley, Columbus
B.S.A.A.E.
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Danny Eugene Humphrey, Johnstown
B.S.Agr.
*Field of Specialization: Agricultural
Education*

Lawrence James Huttzell, Dayton
B.M.E. (University of Louisville)
*Field of Specialization: Aeronautical
and Astronautical Engineering*

John F. Isner, Bronx, N. Y.
B.E. (City College, New York)
*Field of Specialization: Geodetic
Science*

Jay Richard Jackson, Columbus
B.S.Ed. (Bowling Green State
University)
*Field of Specialization: Computer and
Information Science*

Sondra Ann Johnston, East Liverpool
B.S.Nurs.
Field of Specialization: Nursing

David Alan Jones, Defiance
B.S.Agr.
*Field of Specialization: Agricultural
Education*

Edward Grant Kar, Ambler, Pa.
B.S.
Field of Specialization: Biochemistry

Fateh Karan, Pali, India
B.S. (University of Rajasthan);
**M.S. (Indian Agricultural Research
Institute)**
Field of Specialization: Agronomy

Lawrence Edward Katonak, Columbus
B.S.E.P.
*Field of Specialization: Nuclear
Engineering*

Paul H. Kauffman, Beach City
B.S. (Eastern Mennonite College)
*Field of Specialization: Plant
Pathology*

Harold Richard Keller,
Upper Sandusky
B.S.E.E. (Indiana Technical College);
M.S. (United States Naval
Postgraduate School)
*Field of Specialization: Computer and
Information Science*

Daniel Eugene Kimmet, Delphos
B.S.M.E.
*Field of Specialization: Mechanical
Engineering*

Mary Ann Klein, West Seneca, N. Y.
B.S. (Cornell University)
*Field of Specialization: Home
Economics*

John Knowles, Bebington,
Cheshire, England
B.Sc. (Birmingham University,
England)
Field of Specialization: Chemistry

Miriam Miller Knowles, Akron
A.B. (West Liberty State College)
*Field of Specialization: Home
Economics*

John Douglas Kueck, Omaha, Neb.
B.S. (Purdue University)
*Field of Specialization: Electrical
Engineering*

Thomas Henry Lapp,
Fort Wayne, Ind.
B.S. in Dentistry, D.D.S. (Indiana
University)
Field of Specialization: Dentistry

Young Jack Lee, Seoul, Korea
B.S.E. (Seoul National University)
Field of Specialization: Statistics

Neal Val Leimbach, Castalia
B.S.Agr.
*Field of Specialization: Agricultural
Education*

George Clark Letton, Jr., Paris, Ky.
B.S.M.E. (University of Kentucky)
*Field of Specialization: Mechanical
Engineering*

Ronald Gene Linaburg,
Monongahela, Pa.
B.S., D.M.D. (University of
Pittsburgh)
Field of Specialization: Dentistry

Charles Howard Lincoln,
Fayetteville, N. C.
B.S. (University of North Carolina,
Chapel Hill)
Field of Specialization: Mathematics

William Kirk Lindsay, Columbus
B.S.Agr.
*Field of Specialization: Natural
Resources*

Pamela Morse Malernee, Shelby
B.S.Nurs.
Field of Specialization: Nursing

Walter Donald Mast, Defiance
*Field of Specialization: Mechanical
Engineering*

Jun Matsumura, Midoriku, Japan
Bach. of Eng. (University of
Electro-Communications)
*Field of Specialization: Computer and
Information Science*

Frank F. Matthews, Westlake
B.S. (California Institute of
Technology)
Field of Specialization: Mathematics

Albert Quince McGee, Westerville
B.S. (Physics) (Howard University)
Field of Specialization: Physics

David Joel Miller, Chewelah, Wash.
B.S. (Oregon State University)
*Field of Specialization: Computer and
Information Science*

Robert John Milroy, Huntsville
B.S.Agr.
*Field of Specialization: Animal
Science*

Walter Joseph Mirczak, Shadyside
*Field of Specialization: Aeronautical
and Astronautical Engineering*

William Stonehart Moore,
Norman, Okla.
B.S. (Millsaps College); M.D.
(University of Tennessee)
*Field of Specialization: Preventive
Medicine*

Marshal A. Moser, Jr., Wren
B.S.Ed.
Field of Specialization: Zoology

William Alan Moth,
Chittenango, N. Y.
B.S. (New York State University
College, Cortland)
Field of Specialization: Zoology

Sally Burton Murray, Columbus
B.S.Nurs. (University of Michigan)
Field of Specialization: Nursing

Lizbeth Fay Mynko, Youngstown
B.A. (Bowling Green State
University)
*Field of Specialization: Agricultural
Economics and Rural Sociology*

Also Bachelor of Mechanical Engineering,
College of Engineering
Also Bachelor of Aeronautical and
Astronautical Engineering, College of
Engineering

Titakudi Jagannath Natarajan,
Madras, India
B.E. (University of Madras) ; M.E.
(Indian Institute of Science)
Field of Specialization: Welding
Engineering

Carol Ann Neff, Columbus
B.S.
Field of Specialization: Veterinary
Physiology and Pharmacology

Kiffe Negash, Dire Dawa, Ethiopia
B.Sc. (Haile Sellassie I University)
Field of Specialization: Agricultural
Economics and Rural Sociology

Roger Christopher Nicol, Irwin
B.S.Agr.
Field of Specialization: Agricultural
Education

Thomas Edwin Noll, Dayton
B.S.M.E. (University of Cincinnati)
Field of Specialization: Aeronautical
and Astronautical Engineering

Alzada Hazel Oliver, Cushing, Okla.
B.S.Nurs. (University of Oklahoma)
Field of Specialization: Nursing

Karen Lawler Ottenweller,
Cleveland Heights
B.S.Nurs. (Saint John College of
Cleveland)
Field of Specialization: Nursing

Janet Dalton Palm, Ashland
B.S.H.E.
Field of Specialization: Home
Economics

Sharon Suzanne Parker, Kingsville
B.S.Nurs.
Field of Specialization: Nursing

Lary Wayne Pinkley, Grafton
B.S.Ed.
Field of Specialization: Physics

Richard Allan Pruden, Geneva
B.S.Agr.
Field of Specialization: Agricultural
Education

James Alan Raftery, Canton
A.B. (Stanford University) ; M.B.A.
(Columbia University)
Field of Specialization: Computer and
Information Science

*Stanley Louis Ream, Hartsville
Field of Specialization: Welding
Engineering

Gary Michael Rectenwald, Toledo
B.S.
Field of Specialization: Computer and
Information Science

Robert Anthony Restifo,
Shaker Heights
B.S. (Muskingum College)
Field of Specialization: Entomology

Nancy Ann Rich, Youngstown
B.S. (Youngstown State University)
Field of Specialization: Pathology

Jane Robinson, Roslyn, N. Y.
B.S. (Pennsylvania State University)
Field of Specialization: Home
Economics

Frederick Colson Rodgers, Cheshire
B.S.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Thomas Joseph Rosenbeck,
Saint Henry
B.S.Agr.
Field of Specialization: Agricultural
Education

Kimball Mellor Rudeen,
Picayune, Miss.
B.S. (Georgia Institute of
Technology)
Field of Specialization: Computer and
Information Science

David William Ruger, Archbold
B.E.E.
Field of Specialization: Electrical
Engineering

† John Arthur Rumberger, Jr., Lisbon
Field of Specialization: Aeronautical
and Astronautical Engineering

John Frederick Salisbury, Columbus
B.S.Ed.
Field of Specialization: Mathematics

‡ William Scott Schaefer,
Watchung, N. J.
Field of Specialization: Mechanical
Engineering

Norman Richard Schneider,
Dorrance, Kan.
B.S., D.V.M. (Kansas State
University of Agriculture and Applied
Science)
Field of Specialization: Veterinary
Physiology and Pharmacology

Henry Ludwig Schulte, Jr., Columbus
B.S. (University of Arizona)
Field of Specialization: Natural
Resources

Michelle Minyard Schwartz,
Kansas City, Mo.
B.A. (Park College)
Field of Specialization: Chemistry

Beryl Gallagher Scott, Worthington
B.S.Nurs.
Field of Specialization: Nursing

James Nicholas Scott, Bainbridge
B.S.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Martha Elizabeth Scotzin,
Camphill, Pa.
B.A. (Pennsylvania State University)
Field of Specialization: Home
Economics

Sharon Stout Searles, Columbus
B.S.Nurs.
Field of Specialization: Nursing

§ Donald Francis Sebian, Painesville
Field of Specialization: Mechanical
Engineering

William John Sederowitz,
North Plainfield, N. J.
B.E.E., M.E.E. (Catholic University
of America)
Field of Specialization: Computer and
Information Science

Brady Llewellyn Shafer,
Dunbar, W. Va.
B.A. (Evansville College) ; M.A.
(Louisiana State University and
Agricultural and Mechanical College)
Field of Specialization: Mathematics

Suzanne Elaine Shaffer,
Tacoma, Wash.
B.S.Nurs.
Field of Specialization: Nursing

Robert Condon Shauck, Columbus
B.S.Ed.
Field of Specialization: Natural
Resources

Frank Sheranko, Chardon
A.B., M.A. (Western Reserve
University)
Field of Specialization: Zoology

Vicki Lynn Galchick Sherrow, Salem
B.S.Nurs.
Field of Specialization: Nursing

* Also Bachelor of Welding Engineering,
College of Engineering

† Also Bachelor of Aeronautical and
Astronautical Engineering, College of
Engineering

‡ Also Bachelor of Mechanical Engineering,
College of Engineering

Shang-Tsong Shieh, Chiayi, Taiwan
B.S. (National Chiao-Tung University)
Field of Specialization: Electrical Engineering

Kamar Jit Singh, Ropar, India
B.Sc.Eng. (Panjab University)
Field of Specialization: Civil Engineering

John Patrick Skelly, Dix Hills, N. Y.
B.S., M.D. (University of Pittsburgh)
Field of Specialization: Preventive Medicine

Harry Eugene Smail, Columbus
B.S.Agr.
Field of Specialization: Natural Resources

Clinton Bernard Smith, Havertown, Pa.
B.S. (Saint Joseph's College)
Field of Specialization: Physics

James Stanley Sneary, Columbus
B.E.E.
Field of Specialization: Electrical Engineering

Se-Yun Sohn, Seoul, Korea
B.S. (Seoul National University)
Field of Specialization: Home Economics

George Ireland Stanley, Jr., Snydersburg, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Microbiology

James Lester Starr, Wilmington
B.S.Agr.
Field of Specialization: Plant Pathology

Stephen Charles Stein, Plainview, N. Y.
A.B. (Cornell University)
Field of Specialization: Computer and Information Science

Harold Edward Sterwerf, Cincinnati
B.S.Agr.
Field of Specialization: Dairy Science

Diana Gayle Storm, Springfield
B.S. (Bowling Green State University)
Field of Specialization: Computer and Information Science

Bettye Jean Story, Columbus
B.S.Nurs. (Meharry Medical College)
Field of Specialization: Nursing

Steven John Struharik, Barberton
B.E.E.
Field of Specialization: Electrical Engineering

Sing-Hua Cynthia Sun, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Home Economics

John Terrence Tesson, St. Louis, Mo.
B.S. (University of Missouri)
Field of Specialization: Metallurgical Engineering

Noboru Toyama, Tokyo, Japan
B.E. (University of Tokyo)
Field of Specialization: Electrical Engineering

Lilian LaiLum Tye, Hong Kong
B.A. (Ohio Wesleyan University)
Field of Specialization: Mathematics

Martha Rose Varian, Columbus
B.S.H.E.
Field of Specialization: Home Economics

Michael William Velten, Columbus
B.S.
Field of Specialization: Computer and Information Science

Robert James Walker, Massillon
B.Agr.E.
Field of Specialization: Agricultural Engineering

Hsien Chang Wang, Taipei, Taiwan
B.S.Engr. (National Taiwan University)
Field of Specialization: Civil Engineering

William Joseph Waters, Rockville, Md.
B.S. (College of the Holy Cross);
M.P.A. (Cornell University)
Field of Specialization: Preventive Medicine

Robert Lee Weathers, Covington, Ky.
B.S. (United States Military Academy)
Field of Specialization: Mechanical Engineering

Jon David Weerts, Stone Park, Ill.
B.S. in Ed. (Concordia Teachers College)
Field of Specialization: Mathematics

Thomas George Weidner, Salt Lake City, Utah
B.S. (University of Utah)
Field of Specialization: Computer and Information Science

Allan Lund Weisbjerg, Newark
Diploma (Sonderborg Engineering College, Denmark)
Field of Specialization: Mechanical Engineering

JoLynne White, Columbus
B.S.H.E.
Field of Specialization: Home Economics

James Harold Whitman, Southboro, Mass.
B.A. (Ohio Wesleyan University)
Field of Specialization: Physics

James Alan Winner, Hillsboro
B.S.Agr.
Field of Specialization: Agricultural Education

Ignacio Ngo Yao, Pasay City, Philippines
B.S. (De La Salle College)
Field of Specialization: Industrial Engineering

Steven Dwight Yoder, Temple City, Calif.
B.A.
Field of Specialization: Agricultural Economics and Rural Sociology

Takashi Yoshinaga, Tokyo, Japan
B.Sc. (Kobe University)
Field of Specialization: Aeronautical and Astronautical Engineering

Loren Jones Young, Bremen
B.S.Agr.
Field of Specialization: Agricultural Education

Master of Social Work

Two candidates

Ivan Ronald Cohen, Columbus
B.A.
Field of Specialization: Social Work

Christine Jo Hurstel, Kokomo, Ind.
B.A. (De Pauw University)
Field of Specialization: Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences,
a federation of five colleges, includes:

College of The Arts

Dean: Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

College of The Arts

Dean: Lee Rigsby

Bachelor of Arts

Five candidates

James Vernon Barnhill, Gahanna
Margaret Mary Carpenter, Columbus
Annette Lynn Kirby, Crestline
Arvid Lotar Lepke, Hudson
Phyllis Ann Petersen, Worthington

Bachelor of Fine Arts

Twenty-two candidates

Isabel A. Berkelhammer,
Brooklyn, N. Y.
Jennie Lou Clouse, Columbus
Timothy J. Davis, Columbus
B.S.Ed.
Dorothy Jeanine Donahey,
Worthington
James Gilbert Friedman, Columbus
Joseph Michael Frye, Crestline
Marcia Sue Gelfand,
University Heights
Nina Rita Giammarco, Columbus
Debra Sue Gorenstein, Columbus
Joav Eddy Gross, Columbus
Wendi Alison Haas, Wyncote, Pa.
Cynthia Sue Hurd, Medina
Richard John Litke, Cleveland

Therese Woerner McGarity,
Worthington
Sandra Lee Michalap,
East Brunswick, N. J.
Dolly Miller, Columbus
Linda Lee Milligan, Marion
*Karen Letsinger Moore, Columbus
Darlene Agnes Nosack, Norwalk
Sue Ann Pollock, Columbus
Virgil Wayne Redmon, Columbus
Russell John Rigo, Elyria

Bachelor of Music

Four candidates

Randolph Deyo Love, Norwalk
Linda Ann Nichols, Columbus
Michael Alan Rabey, Springfield
Kenneth Eugene Short, Columbus

**Bachelor of Art Education and
Bachelor of Music Education
degree are offered jointly by the
College of The Arts and the
College of Education
Candidates are listed on page
one hundred and thirteen**

Bachelor of Science in Industrial Design

One candidate

Paul Lupe Obregon, Columbus
B.A.

College of Biological Sciences

Dean: Richard Bohning

Bachelor of Arts

Six candidates

George Stephen Cochran, Napoleon
Robert Mark Hoover, Columbus
James Anthony Joy, Youngstown
Olga Maria Petrovic, Columbus

David Fred Poeppelman, Yorkshire
Charles Richard Ryan, Springfield

Bachelor of Science

Forty-one candidates

Justin Ansell, Orlando, Fla.
Kathy Haering Bakenhaster,
Columbus
Enid Anderson Barry, Columbus
John Alan Bartlett, Dayton
Louis Paul Beshara, Columbus
Walter Charles Blackham, Columbus
Dan Howard Constable, Cincinnati
Thomas Marmion Dymoke Cotner,
Columbus
Gary Myron Gibson, Fairborn
Gordon Goldsmith,
Cliffside Park, N. J.
Ted Howard Hamilton, Barberton
David Scott Harper, Galena
Larry William Heitkamp,
Fort Recovery
Glenn Merle Herringshaw, Columbus
Gary Lee Kirkpatrick, Mansfield
Thomas Andrew Klima, Parma
Donald Lee Knowles, Columbus
Bruce William Kranz, Bay Village
Mary Lou Lauer, Prospect
James Wesley Libbey,
Washington C. H.
Lorena H. Lui, New York, N. Y.
Gerald Lawrence Miller, Columbus
Stella Yvonne Monday, Uniopolis
James Orville Morris, Columbus
William Lee Morrison, Millersburg
John Eric Nimitz, Columbus
Jon Frederick Ort, Worthington
Geno Anthony Patrick,
Highland Heights
David Layne Plock, Columbus
Dan Edward Reiss, Akron
Eric Thomas Richman,
New York, N. Y.
Mary Starr Schipper, Dayton
Richard Julius Schlueter, II,
Springfield
William John Schultz, Cleveland
Jerry Siegel, Columbus
Isaac Rick Smilovits, South Euclid
Wendy Sue Smith, University Heights
Stephen Collins Stockton,
Lockport, N. Y.
Thomas Joseph Thum, Newark

* Also Bachelor of Art Education,
College of Education

Robert Frank Wulffhorst, Delphos
Rudy Allan Yount, Pleasant Hill

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Sixty-nine candidates

Robert Harley Barstow, Columbus
Christine Schmitt Baughman,
Columbus
*Mary Patricia Behan, Chagrin Falls
Rene Beil Biel, Columbus
Lynn Martin Blaha, Newark
Wendy Turrell Bogniard, Columbus
Kathy Sue Bower, Columbus
*Joan Catherine Brandt, Columbus
James Michael Cadwell, Perrysburg
Charles Jacob Cape, Westerville
Donna Marie Caron, Delaware
Dennis Patrick Carr, Columbus
Jeffrey James Carter, Bridgeport
Louis William Cennamo, Columbus
Christopher F. Cowan, Elyria
David Allan Fink, Columbus
Stephanie Ann Forrester, Columbus
Geoffrey Edwin Fullen, Columbus
Toni Garment, Fort Lee, N. J.
Dennis Bruce Gease, Columbus
Donna Lynne Gray, Woodmere, N. Y.
Michael Joseph Grumblis, Lima
Mary Jane Harris, Newark
Terrence James Hickernell, Lakewood
Patricia Winther Johnston, Maumee
Richard William Knipp, Bellefontaine
Barbara Wynn Knox,
Lockbourne AFB
Richard David Lomaz, Beachwood
Nadine Catherine Lovelace, Columbus
Ben Arthur Lyttle, Jr., Columbus
Margaret Elizabeth McCormick,
Lincoln Park, Mich.
Cathleen Mary Murnane, Columbus
Christopher Paul Noon, Canton
Joyce Marsh Olscamp,
Syracuse, N. Y.
William Trent Pancoast, Galien
Dean Gerald Pavick, Akron
Robert Miller Peterson, Columbus
Adam Daniel Piergallini,
Steubenville
Jesse Purvis Pippins, Baldwin, Miss.
Ronald Creighton Proffitt, Columbus
Mary Francis Raver, Pataskala
Edith Smith Reed, Mansfield

Patrick William Rekart, Delphos
Stephen Paul Rigsby, Worthington
Claire Kennedy Ritzler, Marion
John David Robertson, Findlay
Steve Allen Robins, Columbus
Judith Ann Roof, Columbus
James Dennis Ross, Columbus
Elyahue Roussos, Columbus
John Mark Row, Columbus
Gary Glen Sattelmeyer, Columbus
Neil Herbert Schneiderman,
South Euclid
Paul Francis Schodorf, Columbus
Robert Dale Schweickart, Columbus
Samuel Douglas Sewell,
Phoenix, Ariz.
Alan Ira Silver, Shaker Heights
Susan Ann Sullivan, Ashland
Nancy Summers, Columbus
Jeffrey David Swartz, Toledo
Linda Dianne Taylor, Columbus
Timothy Lee Thickstun, Columbus
Donna Claire Thompson, Berea
Charlotte Helene Vaughan, Salem
Jean Goldsberry Warren, Columbus
Terry Glenn Washburn, East Monroe
Gregory Vaughan Wilson,
Leisure City, Fla.
Carl Warren Winters, Carrollton
Anthony Thomas Zanetos, Delaware

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Ten candidates

*Martha Jane Augsburg, Bluffton
Beverly Ann Hanhart, Newark, N. J.
Steven Kaye, Parma
B.S.Ed.
Edward Allen Kendall, Cincinnati
Darryl John McCullough, Columbus
Donald Goodwin O'Brien, Westerville
Brenna Aileen Perry, Delanson, N. Y.
Richard John Sterba, Lakewood
Michael Edward Uhl, Cincinnati
John VonKamp, New London

Bachelor of Science

Thirty candidates

Joseph Irvin Adams, Jr.,
Royersford, Pa.

Michael Eugene Allen, Mansfield
Robert George Axonovitz, Toledo
James Timothy Bailey,
New Lexington
Lynn Suzanne Bittinger, Mansfield
Richard David Bowen, Euclid
Ronald Lynn Bowman, Kettering
Robert Winston Burkhardt, Columbus
Joseph Herbert Carpenter, II,
Columbus
Vincent Ying Chin, Columbus
Stephen Alan Chupp, Smithville
Gordon Francis Cikra,
Cleveland Heights
Douglas Bernard Clark, Solon
Russell Ivan Dresbach, Zanesville
Charles Richard Gilchrist,
Westmont, N. J.
Michael Lee Grant, Circleville
William Joseph Haffey,
Parris Island, S. C.
Paul Allen Hoffman, Grove City
Larry Keith Holland, Spring Valley
Terry Ned Myers, Medina
Danny Gaylon Pace, Rushville
Henry Richard Povolny, Columbus
Alan Michael Prenoveau, Columbus
Jeffrey Ian Sacks, Dayton
Dale Joseph Schroeder, Ottawa
Robert Barry Shuman, Cincinnati
Mark Edward Thomen, Columbus
Cheryl Hollenbacher Virginia, Sidney
Roger Wayne Webb, Columbus
Thomas Philip Welsh, Columbus

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bachelor of Arts

One hundred and fifty-five candidates

Donna Ryan Abram, Columbus
Walter Bruce Achenbach, Columbus
Stephen Anthony Adams, Columbus
Sheldon Tyrone Anderson, Miami, Fla.
Richard Thomas Anthony, Sylvania
Douglas Alan Baker, Grove City
Gregory Allen Baker, Shelby
Jeannette Louise Ball, Columbus
Kathleen Nash Beaty, Cuyahoga Falls
William Everett Beavers, Columbus

*Also Bachelor of Science in Education,
College of Education

Bonny Sue Beckerman,
 Highland Park, Ill.
 Mary Dane Bell, Columbus
 John Thomas Belton, Granville
 Martha Fisher Bolton, Columbus
 Jose Ramon Borrás,
 Condado, Puerto Rico
 Richard Lee Byers, Columbus
 Robert Morris Campbell, Columbus
 Teresa Lynne Casselberry, Dayton
 Rick Ceadar, Columbus
 Randall Elliott Cesco, Branch Hill
 Courtland Eugene Clark, Gibsonsburg
 Marguerite Marie Connerton,
 Alexandria, Va.
 Jon Charles Cook, Park Ridge, Ill.
 Nancy Louise Cook, Rocky River
 Donald Leslie Corwin, Rushsylvania
 Robert James Cristiano, Cleveland
 Madaline Jean D'Alesio,
 Mingo Junction
 David Paul Davis, Waverly
 Jeffrey Robert Day, Columbus
 James Bernard Demido, Troy
 Sara Beth DeMuth, Hicksville
 Jon Selden DeWitt, Columbus
 Karen Ann Dietch, Columbus
 Cert. Grad. Dent. Hyg.
 Maureen Elizabeth Doherty, Solon
 Gay Diana Doner, Waverly
 Susan Lynn Dragovich, Dover
 Joseph Early Elliot, II, Piqua
 David Martin Ellis, Zanesville
 Betty Jean Ervin, Savannah, Ga.
 Karen Fulker Eye, Columbus
 Alan Ralph Falk, Columbus
 Gale Epstein Feldstein, Columbus
 David Robert Ferris, Columbus
 Larry Joe Finley, Cuyahoga Falls
 Joel Ira Fisher, Bayside, N. Y.
 Lawrence Lewis Follansbee, Columbus
 Harvey James Ford, Columbus
 John Alan Gabelman, Columbus
 David Francis Galvin, Columbus
 Daniel Richard Gauchat, Columbus
 Mary Louise Georgiton, Columbus
 William Ewing Gibb, Columbus
 Cynthia Kay Girkins, Toledo
 Julie Ann Gramm, Columbus
 Ron Ira Gross, South Euclid
 Steven Alan Gutter, Columbus
 Connie Marie Haas, Perrysburg
 Dennis Peter Hamernick,
 Patchogue, N. Y.
 Richard Allan Hanyok, Mentor
 Robert Eugene Harbron, Hamilton
 Deborah Jean Harrington,
 Cranston, R. I.
 John Theodore Harris, Columbus

Barbara Bay Haynes, Columbus
 Barbara Ann Herman, Youngstown
 Bruce Alan Hertz, Cincinnati
 James Owen Hicks, Columbus
 Donna Mercedes Holt, Columbus
 Stephen Gregory Horodyski, Kinsman
 Deborah Jo House, Columbus
 John David Hvizdos, Columbus
 Bruce David Innes, Fairview Park
 Gary Robert Isroff, Akron
 William Harold Jackson, Ashland
 Deborah Elizabeth Jerd, Miamisburg
 John Terrance Johnson, West Union
 Barbara Sue Kastan, Sidney
 Sheryl Colleen Katter, Wapakoneta
 Ellen Katz, Forest Hills, N. Y.
 John Daniel Keppel, Columbus
 Linda Sue Kerns, Fremont
 Carl Joseph King, East Liverpool
 Louis Frank Komaroy, North Canton
 Carol Ann Kuenle, Dayton
 Theodore Rudolph Kurz, Poland
 Neil Joseph Larrimer, Columbus
 Robert Aldro Lingard, Columbus
 David Edward Linn, Toledo
 Frank Joseph Macke, Ottawa
 Frank Mark Maier, Bellefontaine
 Larry Alan Mann, Dayton
 Gregory Alan Mapes, Columbus
 Ronnie Lynn Marks, Akron
 Thomas Wesley Marling, Columbus
 Franklin H. Marshall, Columbus
 Joseph William Marshall, Columbus
 Dale Robert McArdle, Maple Heights
 George Walter McKerrow, Jr.,
 Westlake
 James Richard Melton, Alexandria
 Dennis Lloyd Mesnick,
 Shaker Heights
 Norman Dennis Milford, Jr.,
 Doylestown
 Carol Anne Miller, Columbus
 Charles Keller Milless, Columbus
 Mark Keinath Milligan, Coshocton
 Beverly Winters Moon, Columbus
 Barbara Elinor Moore, Curtice
 Roger Albert Moore, Jr., Columbus
 John Charles Murphy, Middletown
 Marsha Knull Nicoloff, Urbana
 Paul Ernesto Nielsen, Columbus
 Linda Kay Norris, Columbus
 Shirlee Ann Oblocki, Willowick
 Thomas Leland Pearson,
 Shaker Heights
 Richard Laurence Petty, Jr.,
 Columbus
 Carmen Robert Polisenio, Columbus
 Judy Ellen Pollard,
 Livingston, N. J.

Charles James Rawlins, Columbus
 Anderson Eugene Reed, Columbus
 Bruce Eugene Reid, Orient
 Ronald Taylor Richard, Grove City
 James Michael Ridenour, Columbus
 B.S. Bus. Adm.
 Robert David Ridenour,
 Fredericktown
 Carol Ann Ritzer, Foxboro, Mass.
 Roberta Jane Ross, Greenville
 Kevin George Rusnak, Columbus
 Mary Ann Salcetti, Pittsburgh, Pa.
 Carol Lee Sauer, Columbus
 George Stephen Scherer,
 Annandale, Va.
 Thomas Howard Schottenstein,
 Columbus
 Louis Howard Schuster,
 Waterbury, Conn.
 Helen Ann Shaw, Gautier, Miss.
 Jeffrey Alexander Shively,
 Rocky River
 Donna Rae Sidwell, Englewood
 Patricia Helen Silas, Kettering
 Catherine Ann Simone, Cleveland
 Jeffrey Vernon Smith, Columbus
 Michael David Smith, Coshocton
 Robert Edward Smith, Columbus
 Wayne Fredric Sperber,
 Strongsville
 Jeffrey Lynn Steele, Columbus
 Lois Prunty Stevens, Columbus
 David Philip Sunderman, Findlay
 Gary Franklin Suttles, Dayton
 Richard John Szekelyi, Columbus
 Alice Therese Touschner,
 University Heights
 Richard Edward Ungar, Youngstown
 Elena Ann Virca, Warren
 Lawrence Allan Waite, Independence
 Pamela Messer Weitzel,
 Reynoldsburg
 Wendell Ray Wethington, Cincinnati
 Howard Ernest White, Malta
 Reginald Alan Wilkinson, Cleveland
 David Yonas, Beachwood
 John Zatroch, Cleveland
 Roger John Zedick, Glen Rock, N. J.
 Aloysius Zellner, Columbus

Bachelor of Science

Nineteen candidates

John Richard Beach, Columbus
 Robert Eugene Branham, Columbus
 Karen Lynn Brown, Columbus
 Talla Lee Casper, Cincinnati
 Alan Raymond Denne, Parma
 Pamela Betz Ellwanger, Columbus
 James Kenneth Evans, Fairview Park

College of Administrative Science

Dean: James R. McCoy

Kathleen Bridgett Ferrara,
Greenwich, Conn.
Joyce Ann Courson Goodman, Newark
Craig Charles Henschen, Alliance
Vincent Dru Johnson, Columbus
Gregg James Karlos, Bellbrook
Thomas Dee Luten, Youngstown
Ardath Ann McDermott, Fairfield
Donald McPhail Mosley,
White Plains, N. Y.
Carolyn Kintz Nienhius, Delaware
Betty Everman Pierce, Bellville
Thomas Marvin Roszmann,
Washington C. H.
Debra Lee Wolinsky,
West Long Branch, N. J.

School of Journalism

Bachelor of Arts in Journalism

Seventeen candidates

Barbara Evelyn Beniak,
Greenfield, Wis.
John Roger Bolton, Cincinnati
Linda Ann Brenner, Hanoverton
John Douglas Brookhart, Newark
Samuel Shoemaker Calhoon, Hilliard
Linda Susan Crossley, Columbus
Robert Raymond Furbie, Hillsboro
Linda Lee Howard, Heath
Andrea Elisabeth Illert, Columbus
Alice Erika Lapsanszky, Toledo
Vicky Anne Lee, Columbus
Mark Allen Lott, Columbus
Jennie Lou Phipps, Dayton
Mary Louise Roth, Oxford
Marilyn Kay Segal,
University Heights
Mark Anthony Smith, Lancaster
Cynthia Ann Starr, Middletown

Bachelor of Science in Business Administration

One hundred and thirty-two candidates

James Lee Allensworth, Scio
David William Arps, Delta
James William Baehren, Toledo
Gary Edward Baird, Columbus
John Robert Baker, Vandalia
Dean David Barr, Columbus
Mark Lindsay Bennion, Jr., Dayton
Robert Earl Berger, Columbus
Kenneth Lee Blasiman, Salem
John William Brennan, Columbus
Bryan Lee Brooks, Amherst, N. Y.
Jeffrey Charles Brown,
Mechanicsburg, Pa.
Bruce Allen Burrey, Jeromesville
George Wilson Burton, Dayton
Jack Stephen Carson, Montpelier
Frank John Chasar, Akron
John Neeley Cichowicz, Lakewood
Ralph Minor Cox, Jr., Columbus
Alan Robert Cutting, Jr., Wyoming
Edward Abel Daus, Cleveland
Thomas Eugene DeBrosse, Dayton
Mark Alan Dembski, West Jefferson
David Joseph Dillon, Bloomfield, N. J.
James Elias Duemey, Columbus
Theodore John Dupaski,
Columbia Station
LeRoy Joseph Burgett Dyer, Lorain
Stephen J. Edmonds, Columbus
Donald Norman Edwards, Columbus
Lon L. Ehrhart, Columbus
B.S.Ed. (Millersville State College,
Pennsylvania)
Steven Mark Eisenberg, Columbus
Charles Peterson English, III
Chagrin Falls
Peter Epstein, Cleveland Heights
Lyle Ray Essinger, Dola
Ralph Rader Feamster, Jr., Columbus
James Michael Gable, Cuyahoga Falls
William Richard Gardner, Cleveland
James Russell Garruto, Oxford, N. Y.
Mary Patricia Gearhart, Circleville
Angelo John Georgeson, Jr.,
Bay Village
Darrel S. Gerard, Shaker Heights
Larry Darnell Gilliam, Columbus
Gerald Cly Gilliland, Columbus
Sheldon Robert Goldstine, Cleveland
B.S.Arch.
William Henry Greene, Beachwood
Kathleen Elaine Gunsett, Van Wert
Abraham Mark Gutmore,
Paterson, N. J.
John Charles Hale, Wauseon

Robert Eugene Hartman, Newark
Kenneth Edward Hawkins, Columbus
Daniel Edward Higgins, London
Harvey Thomas Himes, Jr., Cincinnati
Daniel Charles Hite, Columbus
William Daniel Hollinger, Marion
Michael Stephen Holser, Galion
Ronald Douglas Hopper, Columbus
Donald James Hothem, Baltic
Stanley Ford Hughes, Marion
Frank Odon Jelenic, Jr., Euclid
Kenneth Allan Jones, Columbus
Stanley Satoshi Kanno, Cleveland
Alan Roger Kara, Strongsville
Paul Charles Keinath, Plain City
William Joseph Koch, Brooklyn
Edward Robert Koepfler, Toledo
James Jay Kohn, Warren
John David Kreider, Fort Recovery
John Peter Kroon,
Commugny, Switzerland
Thomas Lee Krupka, Westlake
Stephen Jay Kubin, Columbus
Darrel Lee Laman, Lima
Steven Alan Leitz, Arlington, Tex.
Jonnie Sue Linn, Celina
Robert Joseph Lorenz, Columbus
Charles Edgar Mallett, Springfield
David Alan Marks, Mayfield
Glyde Arthur Marsh, Jr., New Albany
William Brandt Marshall, Columbus
Frank Joseph McConnell, Milan
Gregory Alan McCrate,
Columbus Grove
Frank Frederick Melnik, Campbell
Ronald Lee Miller, North Canton
Paul Richard Milo, Euclid
Kimmy Dee Moore, Columbus
John Edwin Morlan, Columbiana
Steven Edward Morris, Toledo
James Bruce Mounts, Columbus
Michael William Murphy, Columbus
Patrick Martin O'Neill, Paulding
Bruce Jeffrey Palestrant, Columbus
Joseph Paronish, Uniontown
Thomas Michael Parzinger,
Grove City
Theodore Arthur Pegram, Crestline
Dennis Charles Pillivant, Elyria
Bruce Reed Pinkney, Willoughby
Jules Raymond Pommier, Bedford
Francis Sidney Porter, Malta
Richard Darryl Purser, Strongsville
Nicholas J. Pustay, East Canton
Isaac Bergin Reynolds, Jr.,
Louisville, Ky.
Gary Philip Rhein,
Rockville Centre, N. Y.
Stephen Allen Robbins, South Euclid

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Jeffrey Scott Rosier,
Broadview Heights
Daniel Erwin Rosner, Dayton
Lee Steven Rosner, Philadelphia, Pa.
Mitchel Benedict Salmere,
Port Chester, N. Y.
Kenneth Victor Sandor, Medina
John Samuel Santisi, Youngstown
David Lee Saylor, North Royalton
Donald Jack Schultz, Elyria
Gary Martin Shaffer, Columbus
Terrance Allan Shough, Columbus
James Del Silverwood, Maumee
Frank Edwin Sklarski, Parma
Timothy Wray Smith, Mansfield
Mark Steven Snowbarger, Wooster
Robert William Spencer, Hemlock
Charles Robert Talbott, Powell
Edwin Hurst Teegardin, Mt. Sterling
Kirk Lee Tennant, Marion
Philip John Turner, Marion
Joseph Vannata, Jr., Bellmore, N. Y.
Robert Alvin Vogel, Toledo
Lee Wallace Wall, Columbus
Steven Nicholas Ward, Grove City
Pamela Elizabeth Watson,
Springfield
Rodney Coy Wells, Springfield
Laurence Barry Whitworth, Avon
John Carl Williams, Utica
Richard Scott Young, Shaker Heights
Joseph John Yurasek, Jr., Columbus
Larry Frederick Zimmerman,
Columbus
Harry Leighton Zulauf, Columbus

School of Social Work

Bachelor of Science in Social Welfare

Six candidates

Thomas Michael Albright,
Worthington
Heidi Ann Barton, North Madison
Barbara Lee Bennett, Shaker Heights
Barbara Jean Martin, Columbus
Walter Price, Columbus
Austin Jackson Wilson, Columbus

Bachelor of Science in Agriculture

Thirty-nine candidates

John Robert Burch, Fredericktown
John Rathbun Christensen,
Lebanon, Conn.
Rita Pavetto Doberneck,
Jeannette, Pa.
Brad Robert Dreier, Cincinnati
John Irvin Elick, Warren
James Russell Freed,
East Palestine
Jerry Leo Gallaway, Athens,
Frederick John Graft, Canfield
Frederick Hazen Green, Thompson
B.A.
Roger Wayne Greenawalt, Beloit
Joseph Harold Gressel, Delphos
Alan Paul Herd, East Liberty
Paul Randall Hoover,
Upper Sandusky
Keith Eugene Kauffman, Union
Michael Earl Kautz, Castalia
Danny Dale Lemaster, Columbus
Cheryl Ann Lusk, Columbus
B.S.H.E.
Donald Grant Munro, Bay Village
Vincent Edward Parry, Mt. Vernon
Donald K. Phillips, Columbus
James Michael Pollock, Webster, N.Y.
Bruce Denton Runkle, Sidney
William Benedict Ruth, Jr.,
Worthington
Gregory Lynn Sautter, Galion
Robert Simon Schilling, Columbus
Paul Edward Schnabel, Litchfield
Rose Marie Schultz, Geneva
Terry Lee Seabold, LaGrange
William Edward Shaeffer, Jr., Canton
Marcia Howard Starr, Bucyrus
Richard Chris Steffens, Cincinnati
Myrna Faye Sterin, Peabody, Mass.
Ruth Etling Stillabower, Bedford
Rodney Alan Swartley, Hatfield, Pa.
Edith Young Tews, Portsmouth
Michael David Whitacre, Xenia
Timothy Jon Wildermuth, Bryan
Howard Yamataki, Cleveland
Raymond George Zacharias, Grafton

Bachelor of Science in Nutrition

One candidate

Sharon Eileen Cargo, Chillicothe

School of Home Economics

Bachelor of Science in Home Economics

Twenty-eight candidates

Carol Grace Booth, Galion
Christine Lois Briggs, Erie, Pa.
Brenda Sue Burns, Marysville
Kathryn Marie Burris, Bolivar
Kathleen Theresa Cahill, Columbus
Kathryn Pfeifer Crall, Bucyrus
Suzanne Emil, Great Neck, N. Y.
Constance Jane Godwin, Richwood
Valinda Lee Hann, Columbus
Rebecca M. House, Dayton
Joan Graves Jackson, Columbus
Diane Rose Kopetz, Columbus
Xan Marie Nole, Blacklick
Elma Hall Oliver, Newark
Cynthia Kay Reeser, Columbus
Linda Louise Roberts, Columbus
Sharon Sitterly Russell, Norwalk
Bryna Ann Scheinman,
New Bedford, Mass.
Elaine Frances Snyder, Somerset
Marilyn Staneart Snyder, Columbus
Karen Marie Spring, Jefferson
Sharon Mantle Stapleton, London
Nancy Brause Stuckman, Bucyrus
Jacquelyn Gangluff Tilton, Attica
Patricia Cannon Willingham,
Washington C. H.
Peggy Jane Wollerman, Columbus
Ellen Rogers Woodworth, Columbus
Joan Marie Ziemba, Cleveland

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Nine candidates

Vernon Michael Bowling, Tipp City
B.A. (Houghton College)

John Richard Bradbury, Cortland
B.A.

Barry David Brown, Fairborn
B.S. (Ohio University)

Forest Dallas Cahill, Attica
B.S. (Capital University)

David Peter Gluhm, Hamilton
B.A. (Miami University)

Jay David Krasne, Beachwood
B.A. (Miami University)

Richard Ronald Maruschak,
Youngstown

Theodore Groff Starkey, Canton

Richard John Wills, Columbus
B.A.

Certificate of Graduate Dental Hygienist

One candidate

Kathleen Lou Vannelle, Shadyside

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

Three hundred and fifty-six candidates

Lois Roebuck Abram, Columbus
Charles Gilbert Adams, Ashley
William Carlos Allen, Columbus
Harriet Rall Amendola,
Upper Sandusky

Miles Shelton Andrews, Waynesfield
Navy Victor Aquila, Powell

*Martha Jane Augsburg, Bluffton
Brenda Lyn Backus, Columbus

Linda Kay Bailey, Miamisburg
Lawrence David Bain,
University Heights

Robert Bruce Bain, Rochester, N. Y.
Malvin Fred Barron, Beachwood

Jesse Otis Bass, Jr., Bellefontaine
Cheryl Anderson Beale, Dayton

Donald Robert Beck, Columbus
Julia Ann Beer, Mansfield

*Mary Patricia Behan, Chagrin Falls
Christine Spaeth Bell, Columbus

Leonard Charles Bennett,
Washington, D. C.

Lynda Berkley, South Euclid
Nancy Ann Berryman, Grover Hill

Donna Molden Beyer, Columbus
Donna Jeanne Biery, Warren

Vicki Clifton Bilchak, Circleville
Brenda Tomlinson Black, Elyria

Paula McAdow Blake, Newark
Norma Horning Blausner,
Pickerington

Cynthia Lee Blum, Columbus
Kathy Henson Bobb, Columbus

Gretchen Bonnie, Urbana
Nancy Halberstadt Booth, Columbus

Rena Baker Born, Marion
Jane Boucher, Dayton

William Carl Brandal, Willard
B.A.

*Joan Catherine Brandt, Columbus
Carol Ann Breitenbach, North Olmsted

Margaret Anne Brigden, Euclid
Patty Wicker Brock, St. Mary's

Earl Delmore Brown, Sedalia
Mary Hubbard Brown, Columbus

Diane Smith Bunn, Columbus Grove
Marlise Galloway Bunsold, Bellaire

Brenda Sue Burgess, Galloway
Julia Remington Burns, Barberton

Phyllis White Burns, Marion
Susan Weisend Busey, Columbus

Helen Louise Butterfield, Worthington
Cathy Heil Canter, Columbus

Thomas Caruso, Columbus
Lorene Abbott Chasteen, Medina

Cert. Grad. Dent. Hyg.,

Michael Rae Childers, Zanesville
Richard Theodore Chojnacki,
Columbus

Audra Ellese Cline, Waldo
John Harper Coffman, Westerville

Ellen Judith Cohen,
Massapequa Park, N. Y.

Susan Lusch Coile, Marion
Danny Joseph Colley, Columbus

Colby Lewis Collier, Troy
Karen Miller Comstock, Marion

Robert Gary Conley, Shelby
Ann Sargent Conrad, Marysville

Gerald Allen Cook, Columbus
Gwendolyn Estis Cook, Columbus

Brenda Sue Cooke, Orwell
Claudia Ann Corey, Toledo

Constance Lee Coughenour,
Kirkersville

Glenn Edward Crawford,
Upper Sandusky

Pamela Rausch Crone, Columbus
Patricia Anne Cz, Madison

David James D'Aquila, Bellaire
Linda Woods Darling, Columbus

Margot Lu Davis, Marion
Mary Fisher Davis, Delaware

Mildred Sprinkle Davis, Mt. Sterling
Susan Lee Davis, Zanesville

Christine Larson Detrick, Granville
Thomas Albert Doucher, Jr.,
Columbus

Paul Stephen Driver, Lima
David Andrew Duffy, Frazeyburg

Mary Carol Duffy, Cleveland
Stanley Eugene Eddy, Haviland

Elizabeth Hayes Edgerton,
Middletown

Paula Schneider Egbert, Columbus
William Michael Egbert, Columbus

Dayna Chapman Emmelhainz,
Grove City

Curtis Charles English, Cleveland
Judith Epstein, Toledo

Pamela Moon Estepp, Portsmouth
Diane Sue Evans, Westerville

Roberta Lynn Evans, Jackson
JoAnn Peugh Ewalt, Fredericktown

Allen Thomas Fabian, Mentor
Diane Mary Fargo, Medina

Terry Lee Fawcett, Eastlake
Judith Kay Feick, Crestline

Mary Brown Fenton, Reynoldsburg
Sylvia Blackwell Finney, Columbus

Barbara Ellen Finsilver,
Birmingham, Mich.

* Also Bachelor of Arts, Colleges of
the Arts and Sciences

Julie Ann Fishley, Dover
 Martha Birtel Flora, Worthington
 Harold James Flu-Allen, Columbus
 Susan Marie Fortener, Miamisburg
 Lynn Gorman Forthofer,
 Olmsted Falls
 Deborah Lee Franke, Cincinnati
 Mary Frankel, South Euclid
 Bonita Ann Frazier, Columbus
 James Roger Friedman, Elyria
 Evelyn Valle Fronczak, Columbus
 Cydney Ellen Fry, Galion
 Mary North Gallant, Columbus
 Janet Lynne Garrett, Westerville
 Judith Bommer Garrett, Avon
 Patsy Kerns Gartner, Newark
 Valerie Emery Gerlach, Caledonia
 Linda McDavid Gill, Hilliard
 John Thomas Gilmore, Hubbard
 William Ray Goepfert, Rocky River
 Roger Golden, New York, N. Y.
 Marilyn Patricia Goldsberry,
 Gahanna
 John Patrick Greaves, Adena
 Donald Dow Green, Zanesville
 Pamela Anne Green, Cumberland
 William Dean Griffin, Columbus
 William J. Grimes, Grover Hill
 Carolyn Reed Hackworth, Lima
 Robert Lee Haegele, Pataskala
 Linda Louise Hall, Dayton
 Roger Alan Hansen, Pemberville
 JoAnn Harris, Wrightstown, N. J.
 Katherine Holman Harris, Columbus
 Joyce Kissling Hartrum, Bucyrus
 Arthur Raymond Hausmann,
 Bay Village
 Emyrtle Hayes, Jefferson
 Sharon Miller Hayes, Newcomerstown
 Deborah Sininger Hazelbaker,
 West Union
 Bonnie Buehl Henderson, Lima
 Debbie Ann Hendricks, Piqua
 Mary Hurt Hill, Columbus
 Lana Russell Hines, Columbus
 Roger Frank Hock, Mansfield
 Constance Mary Hoke, Crestline
 Vicki Ann Holewinski, Toledo
 Lucinda Elaine Holtschulte, Ney
 Beverlee Lamie Hooker, Columbus
 Robert Burns Howard, Columbus
 Robin Allen Hren, Westerville
 Constance Elizabeth Hueckel,
 Columbus
 Ellen Louise Hull, Loveland
 Jo Ann Huston, Napoleon
 Paula Denise Huston, Grove City
 Martha Ann Irwin, Columbus
 Marsha Kay Isaacson, Wilmette, Ill.

Kent Turnbull Jackson, Dayton
 Rochelle Kuzak Jeffries, Independence
 Raymond Douglas Jewett, Columbus
 Patricia Lynn Johnson, Columbus
 Alan David Jones, Grove City
 Phyllis Delores Johnson Jones,
 Columbus
 Robert Henry Jones, Columbus
 Sarah Joyce Jordan, Columbus
 Helen Louise Kanner, Wantagh, N. Y.
 Jane Ann Kappeler, Dover
 Barry Joseph Keenan, Columbus
 Marcy Jo Kerns, Defiance
 Mary Margaret Keyes, Lancaster
 Victoria Miller Kiley, Columbus
 Jane Garvin Kincaid, Marion
 Chere Wolf King, Cincinnati
 Jacqueline Bare King, Marion
 Hannelore Christine Kletzmayer,
 Mansfield
 Lucinda Lee Klevay, Independence
 Timothy Lee Kline, Louisville
 Ruby Dodge Klingler, Lima
 Dale Carnegie Knox, Bay Village
 Janet Rose Korn, Mt. Vernon
 Bruce Charles Kosins, Dayton
 Hazel Harle Kreh, Newark
 Helen Rachel Krongold, Cleveland
 Ruth Dempster Kruckeberg, Columbus
 Jo Ellyn Kuipers, Columbus
 Patricia Evelyn Kunkler, Columbus
 Lila Dee Kurit, Cleveland
 Audrey Ann Kverka, Plymouth
 Creida Few Lahut, Lima
 Patricia Morrison Langdale,
 Columbus
 Mary Cecilia Lanzillotta, Galion
 Gloria Jean Lee, Columbus
 Carol Venters Lehman, West Liberty
 Mitchell Allen Libster, Canton
 Linda Jeanne Liggitt, Heath
 David Hamilton Lindsay, Columbus
 Sandra Barrett Little, Blacklick
 Jack Vernon Loewel, Columbus
 Carol Ann Lohr, Worthington
 Gloria Jean Long, Kenton
 Dennis Eugene Loy, Bucyrus
 Rosalie Beth Manky,
 University Heights
 Melody Sue Maret, St. Albans, W. Va.
 Martha Wortman Marine,
 Bellefontaine
 Kathy Reynolds Marson, Columbus
 James Robert Mason, Chagrin Falls
 Bettie Goldfarb Mathless, Columbus
 Sally Jayne Matson, Worthington
 Joan Ellen Matz, West Haven, Conn.
 Deanne Lucille McCormick, Plymouth
 Gerald Paul McDonough, Mansfield
 Gail Spittorf McFarren, Massillon

Dennis Alden McGee, Columbus
 Douglas Ryan McKay, Wilmington
 Ann Christine Miller, Sandusky
 Brenda Hammonds Miller, Columbus
 Sue Ahne Milovich, Lorain
 Suzanne Evelyn Minnich, Columbus
 Frances Johnson Minutilli, Columbus
 Karen Nancy Mitchell, Columbus
 Sharon Ann Mitchell,
 North Highlands, Calif.
 Helen Soule Moore, Granville
 Darlene Shevchik More, Oberlin
 Karen Lee Morgan, Danville, Va.
 Marcia Mays Morrill, Columbus
 Maryann Moss, Parma
 Eva Kitzmiller Moyer, Columbus
 Deborah Lee Munz, Hamilton
 Kathleen French Murnane, Columbus
 Mary Lee Nestor, Columbus
 Beverly Pollard Nettle, Reynoldsburg
 Nancy Richmond Norton, Columbus
 Joseph Alan Novak, Lorain
 Michael Warner O'Callaghan,
 Westlake
 Jean O'Connell, Worthington
 Gretchen Bentz O'Neill, Newark
 Linda Dawn Packer, Clifton, N. J.
 Sandra Palsgrove, Groveport
 Kathleen Ryan Paolini, Columbus
 Cheri Ann Parker, Columbus
 Deborah Sue Paul, Zanesville
 Judy Lucas Payne, Richwood
 Denise Lynn Peck, Shaker Heights
 Sandra Moore Pentello, London
 Craig Lee Phillips, Lakewood
 Deborah Baggs Pierce, Columbus
 Ruth Anne Pinney, Martinsville
 Jacqueline Pohlbel Place, Lima
 Gary Stephen Poole, Dayton
 William J. Porterfield, Marion
 Robert Wayne Price, Newark
 Denise Faye Pride, Columbus
 Ralph David Pridemore, Columbus
 Martha Fosler Prophater, Columbus
 Mary C. Psihountas, Parma
 Lonnie Gene Pugh, Crestline
 Michael Duane Randolph, Mt. Gilead
 Timothy Duane Redman, Columbus
 Ersy Thompson Reed, Ostrander
 Linda Kay Reeg, Logan
 Laura Richardson Reese, Columbus
 William Finley Reeves, Columbus
 Stephanie Jane Reichert, Worthington
 Carolyn Duerr Reid, Ashley
 Linda Katherine Repasky, Conneaut
 Dona Maria Reshetalo, Parma
 Marsha Ours Rice, Coshocton
 Nancy Ann Riester, Marion
 Barbara Jean Riggie, Mansfield

Angelique Colleen McKinney
 Rinehart, Heath
 Arlene Lois Robbins, South Euclid
 Thomas Charles Robbins, Columbus
 Carol Ish Roberts, Columbus
 Deborah Diane Roberts, Columbus
 Janice Elaine Robison, Columbus
 Joyce Ellen Roby, Lima
 Allen Richard Rogers, Columbus
 Patricia Edna Rogers, Columbus
 Frances Rosen, New York, N. Y.
 Denise Gail Rosenfeld, Pittsburgh, Pa.
 Kenneth Louis Rosengarten,
 Coldwater
 Marilyn Ruth Rosser, Cincinnati
 Pamela Fannin Ruby, Columbus
 David Lee Ruff, Wapakoneta
 Phyllis Diane Saltzman, Cincinnati
 Karen Kalb Schifer, Bucyrus
 Susan Elaine Schifer, Bucyrus
 Frank Richard Schroeder, Ottawa
 Marcia Clarin Schwartz, Columbus
 Sandria Karen Schwartz, Youngstown
 Nancy Collins Scott, Ashville
 Anita Lou Seigneur, Wauseon
 David Albert Seitz, Marysville
 Paula Sue Serian, Canfield
 Brenda L. Sessley, Columbus
 Ernest Settles, Newark
 Karen Harold Shaeffer, Alliance
 Janice Susan Shafraan, Cleveland
 Shirley Anne Sherer, Mason
 Mary Hohenbrink Shreffler, Mansfield
 Alvin Lewis Simpson, Cleveland
 Jo Ann Slaughter, Canton
 Rodger Charles Smith, Columbus
 Nancy Louise Snyder, Miamisburg
 Steven Thomas Spicer, Lima
 John Edward Spisak, Cleveland
 Bruce Warren Spryer, Grove City
 Mary Jane Staton, Dayton
 Carrie Ellen Steinhart,
 Amherst, N. Y.
 Karen Repasky Sterrett, Conneaut
 Louise Stevenson, Cincinnati
 Michelle Gay Stewart, Lyndhurst
 Thomas Simrall Stewart,
 Atlanta, Ga.
 Ruby Lorraine Stimmel, Galena
 Linda Brooks Stricklan, Columbus
 Brenda Joyce Strohl, Delaware
 Kathy Rose Strohl, New Lexington
 Carla Irwin Struble, Columbus
 Gregory Albert Swary, New Bavaria
 Randall Walter Sweeney, Columbus
 Victoria Wood Tashjian,
 Wilmette, Ill.
 Janice Stepanovich Tataru, Columbus
 Anne Taylor, Lancaster

Deborah Jane Taylor, Milford
 Shirley Mae Taylor, Columbus
 Debra Gidlund Thomas, Newark
 Joan Elaine Thomas, Columbus
 Randy Lee Tidaback, Bucyrus
 Jane Ann Tilton, Portsmouth
 Pamela Fox Toothman, Newark
 James Martin Trager, Columbus
 Dorothy Dewilla Turnbo, Columbus
 Allen Dwight Varner, Columbus
 Gary Frank Vermilion, Newark
 Robert Carl Vernon, Fredericktown
 Barbara Schultz Wainer,
 University Heights
 Linda McMains Waite, Columbus
 Ruth Porter Ware, Hopewell
 Duane Larry Weckerly, Circleville
 Linda Kay Weinstein, Columbus
 B.S.Bus.Adm.
 Marlene Joy Weinstein, Cincinnati
 Janet Laine Wells, Toledo
 Patricia Bernadette Welsh, Eastlake
 Bruce R. Westall, Findlay
 Marilyn Elaine Wick, Youngstown
 Karen Wolfe Wilcox, Shelby
 Nicolette J. Wilhelm, Lexington
 Elizabeth Walklet Wilson, Strongsville
 Judith Ware Wilson, Mansfield
 Peggie Lee Wilson, Mansfield
 Jane Roberts Wing, Cincinnati
 Thomas Fredric Wolf, Cincinnati
 Anthony Robert Woody, Cincinnati
 Sharon Kay Workman, Columbus
 Patricia May Wright, Newark
 Jill Ann Wunderle, Columbus
 Barbara Kramer Young, Columbus
 Joanne Marie Young, Newark
 Craig Atley Younkman, Lima
 Kathleen Zeisler, Avon
 Barbara Jean Zucker, Galion

Bachelor of Arts Education
Offered jointly by the
College of The Arts and the
College of Education

Nine candidates

Mary Ann Hale, Worthington
 Daniel Lee Holstein, Columbus
 Diane Rochelle Kutnick, Beachwood
 Connie Mae Lanam, East Liverpool
 Latane Lisle Lee, Columbus
 *Karen Letsinger Moore, Columbus
 Linda Kathleen Mueller, Sylvania
 Robert George Pohn, Parma
 William Arthur Weidinger,
 Reynoldsburg

Bachelor of Music Education
Offered jointly by the
College of The Arts and the
College of Education

Six candidates

Cathryne Smith Ball, Columbus
 Robert John Chappell, Jr.,
 North Olmsted, B.Mus.
 Charles Edward Harris, Cincinnati
 Leslie Jan Weidner Holdren,
 Zanesville
 Gary Michael Stith, Ithaca, N. Y.
 Scott Christopher Wilson, Circleville

* Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Two candidates

¹ Walter Joseph Mirczak, Shadyside
¹ John Arthur Rumberger, Jr., Lisbon

Bachelor of Science in Aeronautical and Astronautical Engineering

Four candidates

Gregory Scott Denton,
Washington C. H.
Julius Fleischmann Sanks,
Cincinnati
Larry Edward Skapin, Euclid
Ronnie Thomas, Columbus

Bachelor of Science in Agricultural Engineering

Two candidates

Robert Christopher Alpers, Findlay
Daniel E. Winkler, Rittman

Bachelor of Science in Ceramic Engineering

One candidate

Mary Elizabeth Welter, Novelty

Bachelor of Chemical Engineering

Three candidates

Gary William Buttwin,
North Madison
Ronald Boyd Ransom, Columbus
David Michael Sliva, Cadiz

Bachelor of Science in Chemical Engineering

Eight candidates

Joseph Isaac Arar, Columbus
David Edwin Burroughs,
Reynoldsburg
Donald Joseph Murphy, Columbus
Marvin Edward Schmehl, Columbus
Stanley Michael Straker, Lima
Samuel Charles Tsen, Coshocton
Kenneth Edward Waller,
Sherrodsville
Donald Leslie Weaver, Groveport

Bachelor of Civil Engineering

One candidate

¹ Ronald Benjamin Dickerson,
Worthington

Bachelor of Science in Civil Engineering

Ten candidates

Robert Edwin Holmden, Westerville
Christopher Joseph Kafer, Jr.,
Ilion, N. Y.
Roy William Koch, Bellevue
Eugene Frank Lozano, Columbus
Edward Paul Sefcik, Parma
Alberto Gallardo Sevilla, Lima, Peru
William Matthias Shiningier, Cecil
Darwin Lynn Snyder, Columbus
William Hugh Wiseman, Amelia
Robert Alan Youngberg, Elyria

Bachelor of Science in Computer and Information Science

Ten candidates

Lawrence Edward Adams, Kettering
Mark Thomas Hinnebusch, Canton
Robert Frank Idle, Wapakoneta
William Patrick Kannan,
North Olmsted

David Joseph Kramer, Dayton
Fred Leslie Linton, Coalton
Ronald Ray Montgomery, Springfield
Dennis Michael Stricklan, Columbus
Stephen Richard Tokar, Columbus
B.S.
Donald Lee Wallace, Columbus

Electrical Engineer

One candidate

James August Wetz, Fairborn
B.S. (Marietta College)

Bachelor of Electrical Engineering

One candidate

Patrick Joseph Cavanaugh, Zanesville

Bachelor of Science in Electrical Engineering

Eighteen candidates

Bennie Alston, Columbus
Gary James Baker, Alliance
Danny L. Carnahan, Latty
James Erwin Fellure, Mansfield
William Milton Johnson, Jr.,
Worthington
William Brent McDonough, Adena
Catherine Estelle Morstatter, Akron
Steven Charles Ohliger, Columbus
Michael Herbert Reitzel,
North Royalton
Charles Edward Richardson,
Columbus
Mark Stephen Seipel, Columbus
William Joseph Steeley, Kettering
Kip Richard Steveley, Columbus
Joseph Randolph Szarka, Lorain
Larry Earl Von Lehmden,
Fort Jennings
Lee Earl Vormelker, North Olmsted
Dale Charles Wunn, Brunswick
Robert Arthur Young, Columbus

¹ Also Master of Science, Graduate School

Bachelor of Science in Physics

One candidate

Frederick Thorwald Rubin, Columbus

Bachelor of Science in Engineering Physics

Two candidates

James Allen Fife, Columbus

Ginn Wing Lee, Columbus

Bachelor of Science in Industrial Engineering

Three candidates

Luzerne Douglas Cover, Hubbard
William Ferris Rounds, III, Columbus
Melvin Lloyd Westcott, Jr., Shelby

Mechanical Engineer

One candidate

Clinton Lee Syverson, Alliance
B.S.M.E.

Bachelor of Mechanical Engineering

Five candidates

Scott Robert Albin, Columbus
*George Christopher P. Crall,
Bucyrus
*Walter Donald Mast, Defiance
*William Scott Schaefer,
Watchung, N. J.
*Donald Francis Sebian, Painesville

Bachelor of Science in Mechanical Engineering

Seven candidates

Robert Scott Blancett, Zanesville
Randall Warren Cisler, Canton
Alfonso Hernando Crane,
Bogota, Colombia
Gregory Bruce Graham,
Monroeville, Pa.
James Alan Kight, Columbus
Joseph Nathaniel Powers, Toledo
Paul Ritz, Findlay

Bachelor of Metallurgical Engineering

Three candidates

Paul Devon Bartholf, Columbus
Bernard Francis Gonya, Fremont
Randall Lee Steele, Springfield

Bachelor of Science in Metallurgical Engineering

Three candidates

Ronald Craig Aufderheide, Columbus
Clifton Brant Howard, Columbus
Larry Allen Offenbacher, Dayton

Bachelor of Welding Engineering

Three candidates

James Michael Feil, Columbus
*Albert Allen Freeman, Marysville
*Stanley Louis Ream, Hartville

Bachelor of Science in Welding Engineering

Two candidates

Kenneth William Coryell,
Chagrin Falls
David Lee Forrest, Worthington

School of Architecture**Bachelor of Architecture**

Five candidates

Richard William Hanlon, Cincinnati
Stephen Benjamin Lebowhl,
Massapequa, N. Y.
Robert John Maus, Huron
James Bodine Myers, Magnolia, N. J.
Elvin Joseph Phillips,
New York, N. Y.

Bachelor of Science in Architecture

Five candidates

Thomas Charles Haeuptle, Norwalk
Terry Ray Martell, Toledo
Franco Mario Palma, Columbus
Susan Virginia Plaisted, Worthington
David Lynn Ruth, Columbus

Bachelor of Science in Landscape Architecture

Two candidates

Charles Theodore Abbot, Columbus
James George Mance, Worthington

* Also Master of Science, Graduate School

College of Medicine

Acting Dean: Robert J. Atwell

Doctor of Medicine

Two candidates

Thomas Hewitt Coleman,
Milford Center
B.A. (Vanderbilt University)

Stephen Ned Kolodzik, Columbus
B.A. (Miami University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Eleven candidates

Elaine Edith Biegacz, Canton
Randall Charles Blake,
Sudbury, Mass.
Harold Lee Brown, Bellaire
B.S.Bus.Adm.
Barbara Vane Earl, Waynesfield
Dennis Wendell Gramlich, Columbus
Judith Ann Henry, Dillonvale
Juliana Johnson, Zanesville
RoseMarie Chi Leiby, Dayton
Joanne Bihl Minor, Wheelersburg
Patricia Ann Scites, Wellston
Alta Louise Scrimsher, Long Bottom

Bachelor of Science in Occupational Therapy

Nine candidates

Joan Marie Albert, West Carrollton
Annette Mae Blower, Brecksville
Rosalie Marie DeCamp,
Columbus Grove
Maxine Lea Kahn, Deerfield, Ill.
Pamela Sue Lackner, Hamilton
Paula Kartsimas Sarrey, Columbus
Nancy Jane Schneider, Hubbard
Barbara Bateson Weltzien,
Zanesville
Renee Linda Wolf,
University Heights

Certificate of Post Baccalaureate Medical Technologist

One candidate

Margaret Jo Snyder, Fort Recovery
A.B. (Miami University)

Certificate of Post Baccalaureate Physical Therapist

Thirteen candidates

Richard John Balnis, Carey
B.A. (New Mexico Highlands
University)
Sue Brugger Edgar, Fairborn
B.S. (Ohio University)
Judy Augusta Gebhart, Ashland
B.S. (Otterbein College)
James Paul Lacy, Akron
B.A. (University of Akron)
Jeanene Desmond McCarthy,
Pittsburgh, Pa.
B.S. (Ohio University)
Terry Allen Morgan, Chillicothe
B.S.C. (Ohio University)
Cynthia Elizabeth Morton, Greenville
B.A. (Miami University)
Patrick Ralph Ranalli, Youngstown
A.B. (Youngstown State
University)
Jill Louise Sellers, Barberton
B.S. (Otterbein College)
David Allen Shutes, Linden, Mich.
B.S. (Michigan State University)
Margaret Latham Springer, Delaware
B.S.Ed. (Miami University)
Cecelia Ann Tournoux, Canton
A.B. (Ursuline College for Women)
Lynn Allen Wallace, North Ridgeville
B.S.Ed.

Genevieve Mary Szuba, Parma
Carolyn Elizabeth Trimble, Dayton
Ivelo Linda Ludwig Williams,
New Riegel
Cathy Jean Wrotny, Ambridge, Pa.
Linda Marie Zeitz, Fairview Park

School of Nursing

Bachelor of Science in Nursing

Twenty candidates

Sandra Louise Abram, Valley City
Mary Virginia Bryden, Massillon
Vicki Lee Buerger, Kenton
Diane Louise Dalhart,
South Charleston
Jacqueline Lu Dewar, Kenton
Paula Ann Falb, Akron
Patricia Ruscilli Feamster, Columbus
Richard Lawrence Gierman, Cleveland
Julia Ann Jenkins, Alliance
Jan Carol Kennedy, Sheffield Lake
Shirley June Manchek, Cleveland
Sandra Gale Oyler, Chillicothe
Winona Marie Smith, Cleveland
Nancy Louise Stockman, Toledo
Cynthia Jane Szabo, Ravenna

Graduates with Honors

Summa Cum Laude

Lois Roebuck Abram, Columbus
 Donna Jeanne Biery, Warren
 Marlise Galloway Bunsold, Bellaire
 Kathryn Marie Burris, Bolivar
 Robert John Chappell, Jr.,
 North Olmsted
 Marguerite Marie Connerton,
 Alexandria, Va.
 George Christopher P. Crall, Bucyrus
 Bonnie Buehl Henderson, Lima
 Stephen Gregory Horodyski, Kinsman
 Barbara Wynn Knox,
 Lockbourne AFB
 David Joseph Kramer, Dayton
 Martha Wortman Marine,
 Bellefontaine
 William Brent McDonough, Adena
 Catherine Estelle Morstatter, Akron
 Marcia Knull Nicoloff, Urbana
 Jean O'Connell, Worthington
 Judy Ellen Pollard, Livingstone, N. J.
 Ronald Boyd Ransom, Columbus
 Cynthia Kay Reeser, Columbus
 Karen Kalb Schifer, Bucyrus
 Mary Starr Schipper, Dayton
 Donald Francis Sebian, Painesville
 Carla Irwin Struble, Columbus
 Donna Claire Thompson, Berea
 Kenneth Edward Waller,
 Sherrodsville
 Duane Larry Weckerly, Circleville
 Judith Ware Wilson, Mansfield

Summa Cum Laude and with Distinction in History

Ronald Creighton Proffitt, Columbus

Summa Cum Laude and with Distinction in Political Science

Sheryl Colleen Katter, Wapakoneta

Cum Laude

Sandra Louise Abram, Valley City
 Joan Marie Albert, West Carrollton
 Brenda Lyn Backus, Columbus
 Barbara Evelyn Beniak,
 Greenfield, Wis.
 John Douglas Brookhart, Newark
 Phyllis White Burns, Marion
 Douglas Bernard Clark, Solon
 Nancy Louise Cook, Rocky River
 Thomas Eugene DeBrosse, Dayton

Mark Alan Dembski, West Jefferson
 Maureen Elizabeth Doherty, Solon
 Susan Lynn Dragovich, Dover
 Karen Fulker Eye, Columbus
 Paula Ann Falb, Akron
 Albert Allen Freeman, Marysville
 Richard Lawrence Gierman,
 Cleveland
 William Henry Greene, Beachwood
 Roger Alan Hansen, Pemberville
 David Scott Harper, Galena
 John David Hvizdos, Columbus
 Rochelle Kuzak Jeffries,
 Independence
 Edward Allen Kendall, Columbus
 Jan Carol Kennedy, Sheffield Lake
 Joseph William Marshall, Columbus
 James Robert Mason, Chagrin Falls
 Darryl John McCullough, Cincinnati
 Carol Anne Miller, Columbus
 Frances Johnson Minutilli, Columbus
 Kathleen French Murnane, Columbus
 Mary Lee Nestor, Columbus
 Xan Marie Nole, Blacklick
 Michael Warner O'Callaghan,
 Westlake
 Joyce Marsh Olscamp, Syracuse, N. Y.
 Brenna Aileen Perry, Delanson, N. Y.
 Henry Richard Povolny, Columbus
 Martha Fosler Propater, Columbus
 Mary C. Psihountas, Parma
 Ronald Taylor Richard, Grove City
 Judith Ann Roof, Columbus
 David Lee Ruff, Wapakoneta
 John Arthur Rumberger, Jr., Lisbon
 David Lynn Ruth, Columbus
 Phyllis Diane Saltzman, Cincinnati
 Gary Glen Sattlemeyer, Columbus
 Thomas Howard Schottenstein,
 Columbus
 Kirk Lee Tennant, Marion
 Randy Lee Tidaback, Bucyrus
 Pamela Fox Toothman, Newark
 Donald Leslie Weaver, Groveport
 Karen Wolfe Wilcox, Shelby
 Peggy Jane Wollerman, Columbus
 Barbara Jean Zucker, Galion

With Distinction in Microbiology

Jerry Siegel, Columbus

With Distinction in Photography

James Gilbert Friedman, Columbus

With Distinction in Political Science

Mark Keinath Milligan, Coshocton

Cum Laude and with Distinction in Medieval and Renaissance Studies

Linda Diane Taylor, Columbus

Cum Laude and with Distinction in Speech

Madaline Jean D'Alesio,
 Mingo Junction

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND SEVENTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 8, 1972

The Board of Trustees met at its regular monthly meeting on Friday, September 8, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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September 8, 1972 meeting, Board of Trustees

The Chairman, Mr. Eckley, introduced the new member of the Board of Trustees of The Ohio State University:

Mrs. Patricia D. James, who was appointed by Governor John J. Gilligan to succeed Mr. Robert S. Dorsey, for the term beginning May 14, 1972 and ending May 13, 1981, with appointee taking office July 18, 1972. She is a 1957 graduate in Dental Hygiene from Ohio State's College of Dentistry and the third woman to serve on this Board.

On behalf of the members of the Board of Trustees, Mr. Eckley welcomed Dr. Enarson to his first official meeting of the Board and expressed the belief that Dr. Enarson would do a great job for a great University.

REPORT BY CHAIRMAN

The Chairman, Mr. Eckley, announced the appointment of Patricia D. James to the following committee and board for 1972-1973:

Retirement and Insurance Committee

John L. Gushman, Chairman
Howard D. Sirak, Vice Chairman
Patricia D. James

Development Fund Board of Directors (One-year term)

Patricia D. James
Howard D. Sirak

The Development Fund Board Bylaws require an election.

The Board of Trustees by unanimous voice vote approved the appointments pursuant to the Bylaws of the Development Fund Board, which action constituted an election.

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September 8, 1972 meeting, Board of Trustees

As the meeting began, Mr. Shocknessy made the following statement:

Since the Board of Trustees of The Ohio State University has had a long history of support not only for athletics but for the Olympic games as well, I think that it would be most appropriate, before we do our business that we stand for a moment of silence to indicate our 'horror' and 'sorrow' over the Munich massacre. (All stood and observed a moment's silence.)

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President Enarson indicated to the Board that at the request of Bishop Elwell, the University was making available the St. John Arena for an ecumenical memorial service on Sunday for the members of the Israeli Olympic team killed at Munich.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Naming of Building

Upon the recommendation of the Vice President for Medical Affairs, and with the concurrence of the President's Cabinet, President Enarson recommended that the building located at 1585 Neil Avenue, housing the School of Nursing of the College of Medicine, be officially named "The Mildred E. Newton Hall," to honor Dr. Mildred E. Newton for her years of leadership and distinguished service to the School of Nursing.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mrs. James, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Establishment of the Novice G. Fawcett Chair
in Educational Administration

For the first time in the University's history the Board of Trustees has an opportunity to establish an endowed chair that has been funded by individual gifts from hundreds of people. These contributions have been made to the University as a special way of saying "thank you" and "farewell" to Novice G. Fawcett, as a tribute to his outstanding leadership, and the remarkable accomplishments of the University during the sixteen years he served as its President.

The idea of a major faculty position named for the President had its beginning in 1966 when the Board of Trustees gave special recognition to Novice Fawcett on the occasion of the tenth anniversary as President of The Ohio State University and established the Novice G. Fawcett Professorship in Educational Administration.

September 8, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the Novice G. Fawcett Chair
in Educational Administration (continued)

In the Spring of 1972 a group of friends of Dr. Fawcett formed a Friends of the Fawcetts Committee for the purpose of providing funds to redesignate the Novice G. Fawcett Professorship in Educational Administration as an Endowed Chair in Educational Administration. The leadership provided by this group inspired many alumni and friends to contribute to the Chair, and, although gifts and pledges are still being received, the support to date is more than sufficient to fully endow a chair. At this time, and as a lasting reminder of his unequalled accomplishments, President Enarson recommended that the Novice G. Fawcett Chair in Educational Administration be established.

In honoring Novice G. Fawcett, those who support this Chair are adding significantly to the future of The Ohio State University. They are providing a way that his influence on higher education can be continued in perpetuity. The names of those who have participated in this magnificent effort will be recorded forever in the archives of The Ohio State University along with the special thanks and deep gratitude of the Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Memorandum of Understanding Between Ohio Agricultural Research
and Development Center and Agricultural Technical Institute

President Enarson recommended that the Board of Trustees authorize the President to enter into a memorandum of understanding between the Ohio Agricultural Research and Development Center and the Agricultural Technical Institute of The Ohio State University relating to the provision of services by the Ohio Agricultural Research and Development Center to the Agricultural Technical Institute.

Inasmuch as the Ohio Agricultural Research and Development Center has established supporting departments such as Physical Plant, Research Operations, Statistics Laboratory, Public Information, Library and others, many of these services can be provided to the Agricultural Technical Institute more economically and proficiently than by duplicating such services within the Agricultural Technical Institute.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the July 7, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

George P. Crepeau from Assistant Vice President for Curricula in the Office of Academic Affairs and Professor, Department of Theatre, to Associate Provost for Instruction in the Office of Academic Affairs and Professor, Department of Theatre, effective September 8, 1972, at a salary of \$25,128.00.

Kathryn T. Schoen from Acting Director, School of Allied Medical Professions, to Associate Provost for Faculties, in the Office of Academic Affairs, and Professor, Department of Speech Communication, effective September 8, 1972, at a salary of \$25,128.00 per annum.

David C. Marsh from Assistant Dean of University College to Assistant Vice President for Regional Campuses, and Assistant Dean of University College, effective immediately, at a salary of \$17,208.00 per annum.

Paul T. Yarrington from Professor and Chairman, Department of Engineering Graphics, and Assistant Dean in the College of Engineering, to Assistant Vice President for Admissions, Registrations, and Records in the Office of Administrative Operations, effective October 1, 1972, at a salary of \$25,836.00 per annum. Professor Yarrington will continue to hold the academic rank of Professor in the Department of Engineering Graphics.

David W. Cole from Professor, Academic Faculty of Finance, to Professor and Chairman, Academic Faculty of Finance, effective October 1, 1972, at a salary of \$19,248.00 per annum. Dr. Cole's term as Chairman of the Academic Faculty of Finance will run from October 1, 1972 through September 30, 1975.

T. Kristoffersen from Acting Chairman and Professor, Department of Food Science and Nutrition, to Chairman and Professor, Department of Food Science and Nutrition, effective September 1, 1972, at a salary of \$22,248.00 per annum.

B. Leaves of Absence Without Salary

Robert L. Emans, Professor, Academic Faculty of Early and Middle Childhood Education, effective July 1, 1972 through July 31, 1972, for personal reasons.

September 8, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Jack R. Frymier, Professor, Academic Faculty of Curriculum and Foundations, effective July 1, 1972 through August 31, 1972, to fulfill speaking engagements and teach short courses at other universities.

Henry R. Velkoff, Professor, Department of Mechanical Engineering, effective October 1, 1972 through September 30, 1973, to work in army aviation research.

Linnea Anderson, Associate Professor, School of Allied Medical Professions, Medical Dietetics Division, effective July 1, 1972 through August 31, 1972, for personal reasons.

Donald L. Duncan, Associate Professor, Division of Art Education, effective October 1, 1972 through September 30, 1973, to study in Denmark.

Michael L. Darby, Assistant Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to serve as a Visiting Assistant Professor at the University of California, Los Angeles.

Sara Ann Foster, Assistant Professor, School of Social Work, effective October 1, 1972 through September 30, 1973, to pursue doctoral degree.

Sylvan G. Frank, Assistant Professor, College of Pharmacy, effective July 1, 1972 through July 31, 1972, to serve as an Upjohn Visiting Professor.

Arthur Herbert Miller, Assistant Professor, Department of Political Science, effective October 1, 1972 through December 31, 1972, to participate in a research program at the Institute for Social Research at the University of Michigan.

Nolan J. Rindfleisch, Assistant Professor, School of Social Work, effective October 1, 1972 through June 30, 1973, to pursue doctoral program.

William Rodney Sharp, Assistant Professor, Department of Microbiology, effective August 1, 1972 through October 31, 1972, to participate in a program at the Centro de Energia Nuclear Na Agricultura, University of Sao Paulo, Piracicaba, Brazil.

Sandra J. Fisher, Instructor, School of Nursing, effective July 1, 1972 through July 23, 1972, for personal reasons.

September 8, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Julian E. Giraldo, Instructor, Department of Preventive Medicine, effective July 1, 1972 through June 30, 1973, to obtain additional clinical training.

Kyrl P. Magg, Instructor, School of Music, effective October 1, 1972 through September 30, 1973, to play with the Cincinnati Symphony Orchestra.

Elmo Stewart Saunders, Instructor, University Libraries, effective July 1, 1972 through September 30, 1972, for study at Indiana University for his doctoral degree.

C. Emeritus Titles

Clyde C. Allison, Department of Plant Pathology, with the title Professor Emeritus, effective September 1, 1972.

Wilda G. Chambers, School of Nursing, with the title Professor Emeritus, effective July 1, 1972.

Wilfred J. Eberhart, Academic Faculty of Humanities Education, with the title Professor Emeritus, effective September 1, 1972.

William E. Jennings, Academic Faculty of Vocational-Technical Education, with the title Professor Emeritus, effective September 1, 1972.

Dwight M. Palmer, Department of Medicine, with the title Professor Emeritus, effective July 1, 1972.

Arthur S. Bostwick, School of Journalism, with the title Assistant Professor Emeritus, effective July 1, 1972.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

SUMMARY

(June 17, 1972 - August 11, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	24	\$2,491,965.00
Government Research - State	1	24,825.00
Industrial and Other Research	7	181,061.00
<u>Grants</u>		
Government Research - Federal	29	1,687,470.00
Government Research - State	3	151,718.00
Industrial and Other Research	8	<u>159,104.00</u>
Totals	72	\$4,696,143.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as Project No. 1794-E - Sponsor ltr. dtd. 6/15/72 - Department of Zoology).
Gross Value - \$3,652.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #14 - Department of Veterinary Pathology).
Gross Value - \$257,570.00.
- c. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Acquisition, Analysis and Compilation of Instructional Materials for Training Programs Concerning Air Pollution (to be known as Project No. 2228 - Mod. #11 - Academic Faculty of Science and Mathematics Education).
Gross Value - \$25,000.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #7 - Department of Surgery).
Gross Value - \$4,742.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - Mod. #2 - Department of Preventive Medicine).
Gross Value - \$142,000.00.
- f. Department of the Interior, Bureau of Mines, Denver, Colorado, Stresses, Deformations and Progressive Failure of Non-Homogenous Fissured Rock (to be known as Project No. 3177-A1 - Mod. #5 - Department of Civil Engineering).
Gross Value - \$25,000.00.
- g. Department of Health, Education, and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Pathologic Support for Evaluation of Cardiotoxic Drugs in the Canine (to be known as Project No. 3242-A1 - Mod. #1 - Department of Pathology).
Gross Value - \$64,600.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of the Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - Mod. #P00004 - Department of Electrical Engineering).
Gross Value - \$119,419.00.
- i. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Studies (to be known as Project No. 3401-A1 - Mod. #P00001 - Department of Electrical Engineering).
Gross Value - \$90,000.00.
- j. Department of the Interior, Bureau of Mines, Denver, Colorado, Electromagnetic Pulse Sounding for Geological Surveying with Application in Rock Mechanics and Rapid Excavation Program (to be known as Project No. 3408-A1 - New - Department of Electrical Engineering).
Gross Value - \$46,762.00.
- k. Department of the Navy, Office of Naval Research, Arlington, Virginia, Exploratory Development Studies (to be known as Project No. 3468-A1 - New - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Development of Effective Therapy for Sickle Cell Disease (to be known as Project No. 3478-A1 - New - Department of Medicine).
Gross Value - \$100,000.00.
- m. Department of Labor, Manpower Administration, Chicago, Illinois, Department of Labor Procurement Training (to be known as Project No. 3482-A1 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$12,409.00.
- n. Environmental Protection Agency, Research and Development Procurement, Washington, D. C., Resources Allocation to Optimize Mining Pollution (to be known as Project No. 3484-A1 - New - Engineering Experiment Station).
Gross Value - \$70,423.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- o. Postal Service Management Institute, Bethesda, Maryland, Quantitative Methods and Operations Research Courses (to be known as Project No. 3485-A1 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$69,325.00.
- p. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, E O Cross Section Studies (to be known as Project No. 3486-A1 - New - Department of Electrical Engineering).
Gross Value - \$32,355.00.
- q. National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, Development of Methods for Establishment of Geodetic Control on the Moon (to be known as Project No. 3487-A1 - New - Department of Geodetic Science).
Gross Value - \$59,800.00.
- r. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior (to be known as Project No. 3489-A1 - New - College of Administrative Science, Division of Research, Center for Human Resource Research).
Gross Value - \$917,583.00.
- s. U. S. Arms Control and Disarmament Agency, Washington, D. C., Utilization of the Behavioral Sciences by the U. S. Arms and Control Disarmament Agency (to be known as Project No. 3490-A1 - New - Mershon Center for Education in National Security and College of Social and Behavioral Sciences, Behavioral Sciences Laboratory).
Gross Value - \$51,131.00.
- t. Department of Health, Education, and Welfare, Food and Drug Administration, Rockville, Maryland, Study of Toxic and Teratogenic Effects of GRAS Substances Injected into Chicken Embryo (to be known as Project No. 3494-A1 - New - Department of Poultry Science).
Gross Value - \$61,300.00.
- u. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, To Develop a Semiconductor Gamma Camera System for Nuclear Medicine (to be known as Project No. 3495-A1 - New - Department of Mechanical Engineering).
Gross Value - \$165,538.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- v. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Participation in the Biomedical Data Network (BDN) (to be known as Project No. 3497-A1 - New - Department of Medicine).
Gross Value - \$59,956.00.
- w. National Aeronautics and Space Administration, Washington, D. C., GEOP - Geodesy/Solid-Earth and Ocean Physics Research Conferences (to be known as Project No. 3511-A1 - New - Department of Geodetic Science).
Gross Value - \$13,500.00.
- x. Department of the Navy, Naval Ship Systems Command, Washington, D. C., Development of an HF Multiturn Loop Antenna for Shipboard Application (to be known as Project No. 3518-A1 - New - Department of Electrical Engineering).
Gross Value - \$49,900.00.

TOTAL - Government Research Contracts - Federal \$2,491,965.00

2. Government Research Contract - State

- a. State of Ohio, Department of Education, Columbus, Ohio, To Design an Accountability System for the Ohio State Department of Education (to be known as Project No. 3503-A1 - New - Academic Faculty of Educational Development).
Gross Value - \$24,825.00.

3. Industrial and Other Research Contracts

- a. General Industrial, Study of Dental Calculus (to be known as Project No. 2065-C - Ext. #6 - College of Dentistry).
Gross Value - \$63,886.00.
- b. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor ltr. dtd. 6/20/72 - College of Dentistry).
Gross Value - \$36,865.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- c. The University of Wisconsin, Research Administration - Financial, Madison, Wisconsin, Subcontract between the University of Wisconsin and The Ohio State University Research Foundation (to be known as Project No. 3335-A2 - Ext. #1 - Department of Psychology).
Gross Value - \$8,883.00.
- d. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3419-A1 - Amend. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$5,327.00.
- e. North American Rockwell, Columbus Division, Columbus, Ohio, Spanish Language Program (to be known as Project No. 3480-A1 - New - Department of Romance Languages and Literature).
Gross Value - \$8,340.00.
- f. University of Colorado, Medical Center, Denver, Colorado, Subcontract between University of Colorado and The Ohio State University Research Foundation (to be known as Project No. 3496-A1 - New - Department of Medicine).
Gross Value - \$53,344.00.
- g. Chemagro, A Division of Baychem Corporation, Kansas City, Missouri, Evaluation of Residual Effectiveness of Pesticide Products (to be known as Project No. 3498-A1 - New - Department of Entomology).
Gross Value - \$4,416.00.

TOTAL - Industrial and Other Research Contracts \$181,061.00

4. Government Research Grants - Federal

- a. National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Stress Corrosion Cracking of Titanium Alloys (to be known as Project No. 2267 - Sup. #5 - Department of Metallurgical Engineering).
Gross Value - \$26,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- b. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #5 - Department of Geodetic Science). Gross Value - \$56,184.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as Project No. 2518-E - Ext. #5 - Department of Physiology). Gross Value - \$11,850.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-C - Rev. Award dtd. 6/27/72 - Department of Veterinary Pathology). Gross Value - \$6,790.00.
- e. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #3 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$6,000.00.
- f. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #4 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$8,000.00.
- g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds (to be known as Project No. 2793-C - Ext. #3 - Department of Chemistry). Gross Value - \$42,107.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Structure of the Red Mechanism in the Color-Normal (to be known as Project No. 3048-A3 - Ext. #2 - Department of Biophysics).
Gross Value - \$12,354.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Use of Isomeric-Ratio to Differentiate Drug Receptors (to be known as Project No. 3099-A3 - Ext. #2 - College of Pharmacy).
Gross Value - \$19,970.00.
- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A2 - Rev. Award dtd. 5/25/72 - Department of Surgery).
Gross Value - \$3,048.00.
- k. Department of Health, Education, and Welfare, Office of Education, Bureau of Educational Personnel Development, Washington, D. C., A National Program in Educational Leadership (to be known as Project No. 3252-C1 - New - College of Education).
Gross Value - \$20,476.00.
- l. Department of Health, Education, and Welfare, Social and Rehabilitation Service, Washington, D. C., Evaluation Project (to be known as Project No. 3269-A2 - Ext. #1 - Office of Academic Affairs, Mershon Center for Education in National Security).
Gross Value - \$421,470.00.
- m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis (to be known as Project 3292-A2 - Ext. #1 - Department of Chemistry).
Gross Value - \$34,675.00.
- n. National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers (to be known as Project No. 3303-A1 - Sponsor ltr. dtd. 7/20/72 - Department of Biochemistry).
Gross Value - \$20,000.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- o. Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C., Service Organizations and Clients (to be known as Project No. 3441-A1 - Rev. Award dtd. 5/31/72 - Office of Academic Affairs, Mershon Center for Education in National Security).
Gross Value - \$5,880.00.
- p. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Aspects of Decision Theory with Applications to Target Recognition and Digital Communications (to be known as Project No. 3444-A1 - Mod. #AFOSR-72-2351A - Department of Computer and Information Science).
Gross Value - \$6,162.00.
- q. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Application of Immobilized Enzymes in Protein Chemistry (to be known as Project No. 3477-A1 - New - Department of Biochemistry).
Gross Value - \$29,696.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Immunology of Oviducal and Uterine Fluid Proteins (to be known as Project No. 3483-A1 - New - Department of Obstetrics and Gynecology).
Gross Value - \$77,796.00.
- s. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Metabolic Characteristics of Cellular Immune Response (to be known as Project No. 3488-A1 - New - Department of Medicine).
Gross Value - \$36,617.00.
- t. Department of Transportation, Urban Mass Transportation Administration, Washington, D. C., Program Director - Urban Transportation Institutional Grant, Research Training Proposal (to be known as Project No. 3491-A1 - New - Department of Industrial and Systems Engineering).
Gross Value - \$11,952.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- u. Department of Transportation, Urban Mass Transportation Administration, Washington, D. C., Training Sub-Account under R. F. 3491-A1 (to be known as Project No. 3491-B1 - New - Department of Industrial and Systems Engineering).
Gross Value - \$35,259.00.
- v. Department of Transportation, Urban Mass Transportation Administration, Washington, D. C. Research Sub-Account under R. F. 3491-A1 (to be known as Project No. 3491-C1 - New - Academic Faculty of Marketing).
Gross Value - \$54,160.00.
- w. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Exploratory Study - Cancer Research Center (to be known as Project No. 3493-A1 - New - College of Medicine).
Gross Value - \$154,617.00.
- x. Department of Agriculture, Agriculture Research Service, Hyattsville, Maryland, Isolation and Characterization of the Inhibitor of Cerato-
cystis ulmi (Buis.) C. Moreau Present in Seeds and Seedlings of Ulmus
americana L. (to be known as Project No. 3499-A1 - New - College
of Pharmacy).
Gross Value - \$54,625.00.
- y. Department of Commerce, National Oceanic and Atmospheric Administration, Boulder, Colorado, High Resolution Investigation of the Infrared Transmittance of Long Atmospheric Path Lengths and of Individual Atmospheric Gases (to be known as Project No. 3501-A1 - New - Department of Physics).
Gross Value - \$24,612.00.
- z. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Spin-Label Investigation of Enzyme Conformation (to be known as Project No. 3506-A1 - New - Department of Chemistry).
Gross Value - \$21,426.00.
- aa. National Science Foundation, Washington, D. C., Support of a Computer Science Conference (to be known as Project No. 3513-A1 - New - Department of Computer and Information Science).
Gross Value - \$20,100.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- bb. National Science Foundation, Washington, D. C., Computer Analysis of Presidential Texts (to be known as Project No. 3516-A1 - New - Department of Political Science).
Gross Value - \$15,400.00.
- cc. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, Health Professions Special Project Grant Program (to be known as Project No. 3517-A1 - New - School of Allied Medical Professions and Department of Medicine).
Gross Value - \$450,244.00.

TOTAL - Government Research Grants - Federal \$1,687,470.00

5. Government Research Grants - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as Project No. 2052-G - Ext. #7 - Department of Pediatrics).
Gross Value - \$54,000.00.
- b. State of Ohio, Department of Health, Columbus, Ohio, Family Clinic - Infertility Clinic (to be known as Project No. 3509-A1 - New - Department of Obstetrics and Gynecology).
Gross Value - \$27,708.00.
- c. State of Ohio, Department of Health, Columbus, Ohio, Family Planning Clinic (to be known as Project No. 3510-A1 - New - Department of Obstetrics and Gynecology).
Gross Value - \$70,010.00.

TOTAL - Government Research Grants - State \$151,718.00

6. Industrial and Other Research Grants

- a. American Otological Society, St. Louis, Missouri, The Morphology and Mineralization of Otosclerosis: A Scanning Electron Microscopic and Electron Microprobe Analytical Study (to be known as Project No. 2789-C - Ext. #3 - Department of Otolaryngology).
Gross Value - \$11,050.00.

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

6. Industrial and Other Research Grants (continued)

- b. Robert A. Taft Water Research Center, Water Quality Office, Environmental Protection Agency, Cincinnati, Ohio, Automated System for Water Pollution Control from an Animal Production Unit (to be known as Project No. 2980-A - Document dtd. 5/12/72 - Department of Agricultural Engineering).
Gross Value - \$43,050.00.
- c. National Endowment for the Humanities, Washington, D. C., A Complete Vocabulary of the Works of Wace and of all Extant Old French Versions of the Brut in Verse (to be known as Project No. 3500-A1 - New - Department of Romance Languages and Literature).
Gross Value - \$26,412.00.
- d. National Endowment for the Humanities, Washington, D. C., The Study of Epigraphical Hands (to be known as Project No. 3502-A1 - New - Department of Classics).
Gross Value - \$14,355.00.
- e. National Endowment for the Humanities, Washington, D. C., Hilander Slavic Manuscripts Catalogue (to be known as Project No. 3505-A1 - New - Department of Slavic Languages and Literatures).
Gross Value - \$14,237.00.
- f. National Endowment for the Humanities, Washington, D. C., The Ohio State University Program on Interrelationships Between History of Philosophy/History of Scientific Theories (to be known as Project No. 3508-A1 - New - Department of Philosophy).
Gross Value - \$25,000.00.
- g. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Role of Polyamines in Tumor Initiation (to be known as Project No. 3512-A1 - New - Department of Microbiology).
Gross Value - \$5,000.00.
- h. American Chemical Society, The Petroleum Research Fund, Washington, D. C., Inside-Outside and Inside-Inside Bicyclics (to be known as Project No. 3514-A1 - New - Department of Chemistry).
Gross Value - \$20,000.00.

TOTAL - Industrial and Other Research Grants \$159,104.00

September 8, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

SUMMARY

(Period: June 16, 1972 - August 11, 1972)

	No. of Projects	Gross Value
Government Research Contracts	6	\$116,835.00
Industrial Research Contract	<u>1</u>	<u>20,000.00</u>
Totals	7	\$136,835.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts

EES 415X	Distribution of Trace Elements in Water and River Sediments in Ohio, U. S. Department of the Interior, Washington, D. C. Gross Value - \$9,119.00.
EES 416X	The Effects of Bacterial Methane Fixation on Lake Eutrophication, U. S. Department of the Interior, Washington, D. C. Gross Value - \$6,700.00.
EES 417X	Trace Metal Detection in Aquatic Environments by Activation Analysis of an Invertebrate Organism, U. S. Department of the Interior, Washington, D. C. Gross Value - \$14,800.00.
EES 420X	Oxidation of Ammonia by Ferrates (VI) and (IV) in Water, U. S. Department of the Interior, Washington, D. C. Gross Value - \$6,393.00.
EES 422X	Institute Director's Office, U. S. Department of the Interior, Washington, D. C. Gross Value - \$29,503.00.
EES 423X	A System Analysis of the Western Basin of Lake Erie - Phase IV, U. S. Department of the Interior, Washington, D. C. Gross Value - \$50,320.00.

TOTAL - Government Research Contracts \$116,835.00

2. Industrial Research Contract

EES 426X	Evaluation of Fire Safety in the Design and Construction of the Cleveland, Cuyahoga County Judicial Center, Prindle, Patrick and Partners, Cleveland, Ohio. Gross Value - \$20,000.00.
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September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

S U M M A R Y

(Period: June, 1972 and July, 1972)

Grants

Office of Finance and Treasurer \$7,869,601.57

Gifts

The Ohio State University Development Fund - June

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,235	\$ 282,562.49
Individuals Other than Alumni	230	97,620.50
Business Concerns	51	170,294.70
Foundations and Nonprofit Organizations	<u>68</u>	<u>133,247.89</u>
Totals	3,584	\$ 683,725.58

The Ohio State University Development Fund - July

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,914	\$ 200,173.87
Individuals Other than Alumni	119	47,086.50
Business Concerns	24	115,480.00
Foundations and Nonprofit Organizations	<u>28</u>	<u>40,494.58</u>
Totals	4,085	\$ 403,234.95

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Fiscal Year: July 1, 1971 through June 30, 1972)

<u>Gifts</u>		
The Ohio State University Development Fund		
	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	27,404	\$2,322,924.62
Individuals Other than Alumni	4,998	762,055.97
Business Concerns	467	1,158,510.88
Foundations and Nonprofit Organizations	<u>590</u>	<u>1,111,551.41</u>
Totals	33,459	\$5,355,042.88

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,480,202.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00142-07)
2. \$1,200,886.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00378-07)
3. \$637,202.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00526-03)
4. \$606,874.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland, to the University for Mental Retardation Training, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Project No. 922)
5. \$379,402.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I.D. No. 1 7 45 0430 15 1)
6. \$291,986.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 2 7 45 0430 15 1)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. \$245,400.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for Training of Professional Personnel in the Education of the Handicapped, for the period June 19, 1972 through June 30, 1973; \$182,400.00 under the direction of the College of Education, Academic Faculty for Exceptional Children; \$37,000.00 under the direction of the School of Health, Physical Education and Recreation; and, \$26,000.00 under the direction of the Nisonger Center. (Grant No. OEG-0-72-4136 and OEG-0-72-4136, Revision No. 1)
8. \$212,354.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 7 7 45 0430 15 1)
9. \$165,620.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00455-03)
10. \$159,464.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I. D. No. B 7 45 0430 15 1)
11. 148,100.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Nursing Capitation Grant Program - Baccalaureate, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 E04 NU01080-01)
12. \$141,404.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Training Program, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 HL05968-01)

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

13. \$136,630.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Physician and Health Professions Education, Bethesda, Maryland, to the University for Health Professions Capitation Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 E03 PE00614-07)
14. \$134,974.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration-Division of Developmental Disabilities, Chicago, Illinois, to the University for University Affiliated Facilities - Administrative Support, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. 59-P-25294/5-01)
15. \$125,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Training, Chicago, Illinois, to the University for Home Training Consultants, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 55-P-25182/5-02)
16. \$124,999.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Model Demonstration Project - Handicapped Children's Early Education Program, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. OEG-0-71-4375, Revision No. 1)
17. \$117,400.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 44-P-25122/5-11)
18. \$116,736.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Graduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH12394-03)
19. \$96,108.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 4 7 45 0430 15 1)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

20. \$76,849.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Man-power Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (I. D. No. 5 7 45 0430 15 1)
21. \$75,000.00 additional grant by the U. S. Department of Labor, Man-power Administration, Washington, D. C., to the University for Man-power Research Institutional Grant, under the direction of the College of Administrative Science - Division of Research, for the period August 1, 1972 through July 31, 1973. (Grant No. 31-37-70-05, Modification No. 3)
22. \$73,818.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE 02043-01)
23. \$73,319.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Family Centered Practicum - Developmental Disabilities, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D12 AH00135-02)
24. \$67,460.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Design, Implement, and Evaluation Curriculum for Bachelor of Science in Nursing Degree, under the direction of the School of Nursing, for the period August 1, 1972 through July 31, 1973. (Grant No. 5 D10 NU00319-05)
25. \$60,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Slavic and East European Studies, under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1972 through June 30, 1973. (Grant No. OEC-0-72-1864)
26. \$57,036.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Division of Developmental Disabilities, Chicago, Illinois, to the University for National Focus for UAF Consortium, under the direction of the Nisonger Center, for the period June 1, 1972 through May 31, 1973. (Grant No. 56-P-71010/5-01)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

27. \$54,551.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training-Dental, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T12 CA08129-06)
28. \$53,536.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Communications Division, under the direction of the School for Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 D12 AH00340-02)
29. \$51,180.00 granted by the State of Ohio, Department of Health, Columbus, Ohio, to the University for Continuing Education of Health Professionals, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973.
30. \$47,434.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE02044-01)
31. \$45,848.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training Grant in Endocrinology and Metabolism, under the direction of the Department of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AM05118-16)
32. \$41,501.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Work-Corrections, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH08254-10)
33. \$39,495.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for Graduate Program in Comprehensive Health Planning, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Project Identification No. CP - T 000022-04-1)
34. \$38,583.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Teaching Skill Institute for Pharmacy Educators, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A15 PE05002-01)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

35. \$38,161.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry Child-Training Grant, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH11296-05)
36. \$31,700.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Social Psychology, under the direction of the Department of Psychology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH12349-02)
37. \$28,905.00 granted by the State of Ohio, Department of Health, Columbus, Ohio, to the University for Field Service in Speech and Language for Aphasics, under the direction of the Department of Speech Communications, for the period July 1, 1972 through June 30, 1973.
38. \$27,676.00 granted by Action, Washington, D. C., to the University for the training of students for Peace Corps Service in Tunisia in Agriculture, Forestry, and Related Fields, for the period July 1, 1972 through June 30, 1973. (Contract No. 73-042-0001, Amendment No. 1)
39. \$25,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for A Model for Acquisition and Selection of Career Education Instructional Materials, under the direction of the Center for Vocational and Technical Education, for the period June 26, 1972 through June 25, 1973. (Grant No. OEG-0-72-4840)
40. \$23,445.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Nursing Capitation Grant Program - Graduate, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 E04 NU01081-01)
41. \$23,396.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Nursing, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I. D. No. G 7 45 0410 15 1)
42. \$22,000.00 additional grant by Department of State, Agency for International Development, Washington, D. C., to the University for the AID Technical Assistance Program in India, under the direction of the College of Agriculture and Home Economics, for the period ending September 30, 1972. (Contract No. AID/nesa-148 India)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

43. \$22,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pathology of Myocardial Hypertrophy and Failure, under the direction of the Department of Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 K04 HL70248-01)
44. \$21,768.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Development Award-Research Career Program, Chromosome: Regulation, Organization and Function, under the direction of the Department of Microbiology, for the period January 1, 1973 through December 31, 1973. (Grant No. 1 K04 GM70300-01)
45. \$20,799.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Orthopaedic Education for Medical School Careers, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 T01 AM05695-01)
46. \$20,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Competency Based Model for Preparation of Teachers of Very Young Handicapped Children, under the direction of the School of Home Economics, for the period June 19, 1972 through June 30, 1973. (Grant No. OEG-0-72-4296)
47. \$18,628.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Manpower, Development and Training, Chicago, Illinois, to the University for Comprehensive Education for Social and Rehabilitation Services, under the direction of the School of Social Work, for the period July 1, 1972 through June 30, 1973. (Grant No. 46-P-25230/5-01)
48. \$16,204.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 MH10778-06)
49. \$16,200.00 granted by the State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for A Pilot Study of the Kinetics of an Atomic Power Reactor Effluent into a Freshwater Marsh, under the direction of the Department of Zoology, for the period July 1, 1972 through June 30, 1973. (Project No. W-104-R-15, Study VIII, Jobs 8-a, 8-b and 8-c)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

50. \$15,000.00 additional grant by Agency for International Development, Washington, D. C., to the University for the Administration of Purchasing, Inventory Management, and Maintenance Management, under the direction of the College of Administrative Science, Division of Continuing Education, with an expiration date of May 31, 1973. (Grant No. AID/csd-1571)
51. \$13,327.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for Training Program in Rehabilitation Nursing, for the period July 1, 1972 through June 30, 1973.
52. \$11,192.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. to the University for Graduate Training Program in the Sociology of Education and Community, under the direction of the Department of Sociology, for the period June 1, 1972 through August 31, 1973. (Grant No. OEG-0-72-4703)
53. \$10,050.00 granted by The Ford Foundation, New York, New York, to the University for two Black American Doctoral Fellowships, under the direction of the Graduate School, for the academic year 1972-73. (Project No. 719-0021)
54. \$9,774.00 granted by Department of Health, Education, and Welfare, Health Services and Mental Health Administration, Maternal and Child Health Service, Rockville, Maryland, to the University for UAF Pediatric Component Workshop, under the direction of the Nisonger Center, for the period July 1, 1972 through June 30, 1973. (Project No. 482)
55. \$9,600.00 granted by The Ford Foundation, New York, New York, to the University for two Advanced Study Fellowships for Black Americans, under the direction of the Graduate School, for the academic year 1972-73. (Project No. 719-0022)
56. \$9,268.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Instructional Equipment Grants Program, under the direction of the Department of Classics, for the fiscal year 1972-73. (Project No. 06-074027)
57. \$9,072.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatry, under the direction of the Department of Psychiatry, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH05924-22)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

58. \$8,775.00 granted by Department of Health, Education, and Welfare, Division of Health Services, Maternal and Child Health Service, Rockville, Maryland, to the University for Instructional Development Workshop for U.A.F.'s, under the direction of the Nisonger Center, for the period June 15, 1972 through December 31, 1972. (Project No. 483)
59. \$8,288.57 granted by the Regents of the University of California, UCLA, Los Angeles, California, to the University for Clearinghouse Project, under the direction of the Center for Vocational and Technical Education, for the period April 1, 1972 through November 30, 1972. (Grant No. OEC-4-6-002482-1580)
60. \$7,100.00 granted by the National Science Foundation, Washington, D. C., to the University for purchase of Instructional Scientific Equipment, under the direction of the Department of Computer and Information Science, with an expiration date of June 30, 1974. (Grant No. GY-10273, Proposal No. 2/6177)
61. \$6,300.00 granted by U. S. Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for study of Bioaccumulation of Toxic Metals and Herons of Southwestern Lake Erie, under the direction of the Department of Zoology, Ohio Cooperative Wildlife Research Unit. (Contract No. 14-16-0008-1088)
62. \$5,000.00 granted by Columbia Gas System Service Corporation, Wilmington, Delaware, to the University for consultant services relevant to the Columbia Gas System Hearing Conservation Program, under the direction of the Department of Speech Communications, for the academic year 1972-73.
63. \$4,945.00 granted by the Department of the Interior, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for the Study of Stripmine Habitat in Ohio, under the direction of the Department of Zoology, Ohio Cooperative Wildlife Research Unit, for the period June 1, 1972 through June 30, 1973. (Contract No. 14-16-0008-1075)
64. \$3,630.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Undergraduate Psychiatric Nursing, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T02 MH06375-016)

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

65. \$3,348.00 granted by the U. S. Environmental Protection Agency, Washington, D. C., to the University for Air Quality Workshop, under the direction of the Atmospheric Sciences Program, for the period July 1, 1972 through June 30, 1973. (Grant No. T 900303)
66. \$2,699.00 granted by The Ford Foundation, New York, New York, to the University for a dissertation fellowship in ethnic studies, under the direction of the Department of Political Science, for the academic year 1972-73. (Project No. 729-0185)

B. Gifts of \$5,000 or More Received Through
The Ohio State University Development Fund

1. \$266,779.52 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--\$177,849.61 to be added to the Student Memorial Fund in the College of Dentistry and \$88,929.91 to be added to the Snyder Research Memorial Fund in the College of Medicine.
2. \$50,234.94 from Associates of Medicine, Columbus, Ohio, for their fund in the Department of Medicine.
3. \$35,000.00 from Eli Lilly & Company, Indianapolis, Indiana--\$30,000.00 for infectious disease research and \$5,000.00 for medical microbiology research.
4. \$25,000.00 from The International Nickel Company of Canada, Ltd., New York, New York, for its Professorship in Corrosion Science and Engineering.
5. \$25,000.00 from the Yassenoff Foundation, Columbus, Ohio, in support of philosophy and Jewish studies.
6. \$23,248.50 from Grand Chapter of Ohio, Order of the Eastern Star, Oberlin, Ohio, for cancer research.
7. \$16,180.00 from Procter & Gamble Company, Cincinnati, Ohio--\$10,200.00 for its fellowship in Physiological Chemistry and \$5,980.00 for its fellowship in Chemical Engineering.
8. \$15,000.00 from the Bremer Foundation, Youngstown, Ohio, in support of research in the College of Medicine.
9. \$15,000.00 from Ohio Turfgrass Foundation, Columbus, Ohio, for research in the Department of Agronomy.
10. \$14,950.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through
The Ohio State University Development Fund (continued)

11. \$12,000.00 from the Educational Endowment Fund of Kappa Kappa Gamma, Columbus, Ohio, for its fellowship for rehabilitation medicine.
12. \$11,000.00 from Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, for fellowships in the Department of Medicine.
13. \$10,000.00 from Burton Rubber Processing, Inc., Burton, Ohio, for the University Activities Center.
14. \$10,000.00 from Greater Cincinnati Foundation, Cincinnati, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.
15. \$10,000.00 from International Copper Research Association, Inc., New York, New York, for its fellowship in Welding Engineering.
16. \$9,000.00 from Merrell-National Laboratories, Cincinnati, Ohio, for its Gastroenterology Research Fund.
17. \$9,000.00 from Mr. and Mrs. Harold F. Zieg, Columbus, Ohio, for the Novice G. Fawcett Named Professorship in Educational Administration.
18. \$7,267.15 from NAPA Purchasing Educational Foundation, Inc., New York, New York, for doctoral grants and/or fellowships in the College of Administrative Science - Academic Faculty of Management Science, field of purchasing.
19. \$7,045.00 from Mr. and Mrs. Ralph Kurtz, Tampa, Florida, for research in the College of Medicine.
20. \$6,000.00 from Miles Laboratories, Inc., Elkhart, Indiana, for Allergy and Pharmacologic Research.
21. \$5,000.00 from Armco Foundation, Middletown, Ohio, for its Professorship in Metallurgy.
22. \$5,000.00 from Calgon Corporation, Pittsburgh, Pennsylvania, to support graduate research in the Department of Food Science and Nutrition.
23. \$5,000.00 from W. Alton Jones Foundation, Inc., New York, New York, for scholarships in the Department of Animal Science.
24. \$5,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for the Modernization of the College of Education's Business Education Library.
25. \$5,000.00 from Organon, Inc., West Orange, New Jersey, for renal disease research.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through
The Ohio State University Development Fund (continued)

26. \$5,000.00 from The Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., for its fellowship fund in the College of Medicine.
27. \$5,000.00 from The R.C.A. Rubber Company, Akron, Ohio, for the University Activities Center.
28. \$5,000.00 from Rohm & Haas Company, Philadelphia, Pennsylvania, for its research fund in Chemistry.
29. \$5,000.00 from Upjohn Company, Kalamazoo, Michigan, for gastro-enterology research.

C. Gift-in-Kind

1. A Beechcraft airplane from Beasley Industries, Inc., Hilliard, Ohio.

D. Establishment of Named Funds

1. \$17,392.46 for the establishment of the Hazel C. Youngberg Memorial Fund.

Hazel C. Youngberg Memorial Fund

The Hazel C. Youngberg Memorial Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University through The Ohio State University Development Fund from Hazel C. Youngberg, B.A. '08, late of San Francisco, California.

The bequest is to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The principal and/or income may be used at the discretion of the Board of Trustees.

2. \$2,500.00 for the establishment of the Kenneth G. Hornung Memorial Scholarship Fund.

Kenneth G. Hornung Memorial Scholarship Fund

The Kenneth G. Hornung Memorial Scholarship Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, friends, colleagues, and former students of Kenneth

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

2. Kenneth G. Hornung Memorial Scholarship Fund (continued)

G. Hornung, B.M.E. '52, M.S. '52, Ph.D. '59, late of Columbus, Ohio, a member of the faculty of the Department of Mechanical Engineering at the time of his death in 1972.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships to entering Freshmen who indicate a strong interest in pursuing the Mechanical Engineering program at The Ohio State University. Selection is to be made by the University Scholarship Committee, upon the recommendation of the Chairman of the Department of Mechanical Engineering.

Should the Department of Mechanical Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for mechanical engineering education.

3. \$1,185.00 for the establishment of the Harvey Walker, Sr., Memorial Fund in Political Science.

Harvey Walker, Sr., Memorial Fund in Political Science

The Harvey Walker, Sr., Memorial Fund in Political Science was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, colleagues and friends of Harvey Walker, Sr., J.D. '48, Professor Emeritus, Department of Political Science, late of Worthington, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to finance a fellowship or fellowships for outstanding students in Political Science or for any other purpose that will advance the study of Political Science at The Ohio State University, as determined by a three-member administrative committee appointed by the President of the University.

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

3. Harvey Walker, Sr., Memorial Fund in Political Science (continued)

Should the Department of Political Science cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for political science education.

4. \$1,005.50 for the establishment of the Inez Prudent Book Fund.

Inez Prudent Book Fund

The Inez Prudent Book Fund was established September 8, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund in memory of Dr. Inez Prudent, former chairman of the Food and Nutrition Division, School of Home Economics, College of Agriculture and Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used annually or bi-annually to purchase current books, periodicals or other scholarly materials of special interest to students and faculty in the Food and Nutrition Division of the School of Home Economics. In the event that the Home Economics Library facilities be enlarged in the near future, the principal may be drawn on or entirely used to establish a more complete library of reference materials.

5. \$1,000.00 for the establishment of the Miriam R. and Benjamin Balshone Awards for Pharmacy.

Miriam R. and Benjamin Balshone Awards for Pharmacy

The Miriam R. and Benjamin Balshone Awards for Pharmacy were established September 8, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Benjamin Balshone, B.Sc. Pharmacy '40, and Miriam R. Balshone (Mrs. Benjamin), Commerce W'40, Columbus, Ohio, honoring and memorializing their parents, Mr. and Mrs. Joseph Balshone and Mr. and Mrs. Herman Rosenthal.

September 8, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

5. Miriam R. and Benjamin Balshone Awards for Pharmacy (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

One-half of the annual income is to be awarded to the Senior in the College of Pharmacy who is most likely to succeed in community pharmacy. The award is to be at least \$100 per year and is to be known as the "Benjamin Balshone Award."

One-half of the annual income is to be awarded to a member of the College of Pharmacy faculty, selected for recognition for good teaching. This annual award is to be known as the "Miriam R. Balshone Award for Distinguished Teaching"; the amount of the award is to be a minimum of \$100 per year.

Selection of the winners of each of these annual awards is to be made under the direction of the Dean of the College of Pharmacy, according to criteria on file with the Dean and agreed to between Mr. Balshone and the Dean.

Should the College of Pharmacy cease to exist through any reorganization of the University, then the awardees are to be selected by the appropriate administrative official of the University who is then directly responsible for education in pharmacy.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Boilers 6 & 7 (McCracken Power Plant)--
Elimination of Atmospheric Pollution

<u>Original Contract</u> <u>Cost</u>	<u>Total Construction</u> <u>Cost</u>	<u>Total Change</u> <u>Order Cost</u>
\$127,900.00	\$142,149.53	\$14,249.53

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Boilers 6 & 7 (McCracken Power Plant)--
Elimination of Atmospheric Pollution (continued)

Revisions were made to the original specifications to add improvements to more effectively reduce air pollution.

Funds for these revisions have been provided by Budget Account 801179 (Power Plant Boilers 6 and 7).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. McCracken Power Plant--Additional Fuel-Oil Storage Tanks

Due to the current energy crisis, resulting in a possible curtailment of natural gas to the University, it is essential that we have on hand adequate fuel-oil reserves to sustain the operation of McCracken Power Plant during the curtailment period. This project will provide an additional 250,000 gallons of fuel-oil storage for a total capacity of 610,000 gallons.

Funds for this project have been provided from Budget Account 801270 (Power Plant-Fuel-Oil Storage Tanks).

B. University Hall Complex

The University Hall Complex consists of a reconstructed University Hall, an Office Building, and an Auditorium Building with the latter being bid as an additive alternate.

Funds for this project have been provided from HB 531, Item 315-078, HB 988, Item 315-078.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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September 8, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Erection of Educational Television Tower and Associated Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(1 bid received 7-12-72)		
Stainless, Inc.		
(North Wales, Pa.)		
Base bid	\$173,400.00	\$226,000.00
Option 3, Additional support for tower	<u>16,705.00</u>	
Total Contract	<u>\$190,105.00</u>	<u>\$226,000.00</u>

Funds for this project have been provided from Budget Accounts 801239 (WOSU-TV Improvements) and 134431 (WOSU Equipment).

B. University Hospital--Renovation of 11th Floor West

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 7-28-72) Rebid		
A. L. Meyer Construction Co.		
(Columbus)		
	\$ 30,437.00	\$ 36,000.00
<u>Plumbing Contract</u>		
(2 bids received 7-20-72)		
R. H. Reeb Plumbing Company		
(Columbus)		
	27,362.00	55,876.00
<u>Heating, Ventilating, and</u>		
<u>Air Conditioning Contract</u>		
(2 bids received 7-20-72)		
Limbach Company (Columbus)		
	<u>32,800.00</u>	<u>38,057.00</u>
Total All Contracts	<u>\$ 90,599.00</u>	<u>\$129,933.00</u>

Funds for this project have been provided from Budget Account 801257 (Air Condition and Remodel 11th Floor West, University Hospital).

September 8, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Stillman Hall Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 9-1-72)		
Leopold Construction (Columbus)		
Base bid	<u>\$ 20,300.00</u>	<u>\$ 38,000.00</u>
<u>Heating, Ventilating, and</u>		
<u>Air Conditioning Contract</u>		
(4 bids received 9-1-72)		
Julian Speer Company (Columbus)		
Base bid	<u>\$ 21,160.00</u>	<u>27,585.00</u>
Alt. M-1 Air condition basement	<u>+ 9,770.00</u>	<u>+ 13,255.00</u>
Total Contract	<u>\$ 30,930.00</u>	<u>\$ 40,840.00</u>
<u>Electrical Contract</u>		
(8 bids received 9-1-72)		
Reco Electric, Inc. (Columbus)		
Base bid	<u>16,750.00</u>	<u>39,815.00</u>
Alt. E-1 Electrical connections for M-1	<u>- 1,650.00</u>	<u>+ 1,750.00</u>
Total Contract	<u>\$ 18,400.00</u>	<u>\$ 41,565.00</u>
<u>Total All Contracts</u>	<u>\$ 69,630.00</u>	<u>\$105,400.00</u>

Funds for this project have been provided from Budget Account 801260;
HB 531, Item 315-074; HB 988, Item 315-074.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations ratified by unanimous roll call vote.

VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

- 18 Approves the release of \$172,140 from HB 988, Item 315-074 'Utilities and Renovations' to purchase the necessary switchgear to construct facilities to receive power from the Columbus and Southern Ohio Electric Company as a part of the project, "Electrical System Expansion."

VIII. CONTROLLING BOARD REQUESTS (continued)

- 19 Approves the award of contracts for the General, Plumbing, Heating, and Air Conditioning, and the Electrical Contracts on the project, "University College, Building No. 13" notwithstanding the fact that the electrical contract low bid was over the estimate of cost and the release of \$2,740,890 from HB 988, Item 315-067 (University College Phase III) to provide funds for construction, equipment and contingencies to complete the project.
- 20 Approves the release of \$183,000 from HB 988, Item 315-085 "The Ohio State University (in cooperation with the Central Ohio Technical Institute, Newark)" to purchase equipment for the new Central Ohio Technical Institute in Newark, Ohio.
- 1 Approves the release of \$102,602 from HB 988, Item 315-068 for "College of Agriculture: Land, Barns and Teaching Facilities" for construction of fences needed and to complete the purchase of fixed equipment for the project "Animal Sciences Livestock Center."
- 2 Approves the purchase of the Charles S. Berry property 151-163 West 11th Avenue in the City of Columbus, Franklin County, at a cost of \$91,000.
- 3 Approves the purchase of the Charles S. Berry and George Elum property, 114 West 10th Avenue, in the City of Columbus, Franklin County, at a cost of \$19,250.
- 4 Approves the release of \$50,000 for removal of architectural barriers on The Ohio State University Campus to aid the handicapped.

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IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Purchase of Buildings and Property - South Campus

President Enarson recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 22, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 114 West 10th Avenue from Charles S. Berry and George Elum at a purchase price of \$19,250.

Lots No. 12 and 13, John A. Evan's College View Addition, and one lot in Reserve A, University Heights Addition, Columbus, Franklin County, Ohio, and more commonly known as 151-163 West 11th Avenue from Charles S. Berry at a purchase price of \$91,000.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Purchase of Buildings and Property - South Campus (continued)

The parcels will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 (Land) for the purchase of the properties. This purchase is in conformity with our Master Plan and the projected revisions which an approval will be requested at the October meeting of this Board.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

B. Upham Hall, Air Conditioning and Electrical Improvement
Employment of Engineers

President Enarson recommended that the engineering firm of W. E. Monks and Company, Columbus, Ohio, be employed to provide complete professional engineering services for the above project, including design, preparation of drawings, specifications, estimate of cost, and field supervision as required.

This project will include the complete electrical renovation of Upham Hall, including new distribution systems and the completion of building air conditioning by means of through-wall units. Also included is the required ancillary general work associated with the program such as demolition, masonry, and surface patching and redecoration.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works. Fee calculation estimated to be 6 percent of the total project estimate of \$358,917, plus \$2,500 to be held in reserve for field services, if required. Therefore, the total estimate for the engineering for this project is \$24,035. Funds for this work have been provided from Budget Account 801267 (Hospital Capital Reserve).

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above recommendation was approved by unanimous roll call vote.

C. Improvement Projects for the Handicapped

The Ohio State University is well aware of the situation with respect to the needs of the handicapped in terms of facilities, accessibility, and convenience. In recent years all new construction and major remodeling projects have considered these needs and satisfied them within guidelines contained in the Ohio Building Code since January, 1967. This campus contains a great number of older buildings which are intensively used for teaching or employment which are not suitable for use of the handicapped. The existing street pattern provides severe obstructions to accessibility and mobility. Finally, the great size of the campus affords problems in terms of time and distance for those unable to drive or utilize standard transportation systems.

September 8, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

C. Improvement Projects for the Handicapped (continued)

Improvement projects to service the handicapped include access ramps, modification of elevators, and purchase of vans. Funds for these improvements projects are available as follows: The Controlling Board has authorized the expenditure of \$50,000.00 from University funds, the Class of 1972 has collected \$24,912.00, and the Ohio Rehabilitation Services Commission has provided approximately \$300,000.00 for the proposed work on this project.

President Enarson recommended that the above outlined projects and expenditure of funds be approved.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

President Enarson pledged his "personal commitment" to removing campus barriers to handicapped students.

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X. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Herbert Herndon Baumer, Professor Emeritus in the School of Architecture; Loetta Lovejoy Hunt, Professor in the College of Education; Ormann R. Keyser, Instructor Emeritus in the Cooperative Extension Service; Florence L. Lloyd, Professor Emeritus in the School of Home Economics; and Herbert Anderson Toops, Professor Emeritus in the Department of Psychology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Herbert Herndon Baumer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 14, 1972, of Herbert Herndon Baumer, Professor Emeritus in the School of Architecture.

Professor Baumer was born in Montgomery, Alabama, on October 31, 1885. He was enrolled in a formal curriculum in architecture at George Washington University, Washington, D. C., while studying privately with Mr. Nathan Wyeth, a graduate of the Ecole des Beaux-Arts in Paris. Before entering the latter school himself in 1911, he served in Panama for four years as an architect in the office of the Chief Engineer of the Panama Canal. Extensive travel and professional experience were

X. RESOLUTIONS IN MEMORIAM (continued)

A. Herbert Herndon Baumer (continued)

interspersed with Mr. Baumer's formal studies at the Ecole des Beaux-Arts, where he was a member of the Atelier Bernier-Pontremoli. Shortly after arrival of the first American troops in France, he was commissioned First Lieutenant of Engineers, U. S. Army. At the end of World War I, having been placed on inactive duty with the rank of Captain, he resumed his studies at the Ecole des Beaux-Arts and his professional work in the office of Achille Duchene, a prominent architect in Paris. He was awarded the "diplome d'architecte" in 1921, and a year later returned to the United States.

From 1923 until his retirement in 1956, Professor Baumer was an active participant in the affairs of The Ohio State University. His professional work on the Campus, executed under an appointment for collateral duty as assistant to University Architect Joseph N. Bradford, includes designs for Arps, Derby, Hamilton, and Pomerene Halls, McPherson Laboratory, the former Archaeological Museum, and Browning Theatre. National recognition and publicity marked the opening of science buildings designed by Professor Baumer for The Ohio State University, Antioch College, and Wittenberg College. In 1946, as Lieutenant Colonel, he was awarded the U. S. Army Commendation Ribbon in recognition of outstanding performance of duties as Chief of the Planning Section, Air Installations Division, Air Service Command, during World War II. In 1964, Professor Baumer was named a Fellow of the American Institute of Architects.

Alumni and colleagues are inclined to remember the substance of Professor Baumer's day-to-day lessons even more clearly than the acknowledged excellence of his professional work. In particular, his courses in the theory of architecture and his individual instruction in architectural design have earned for him that special blend of respect and gratitude which is reserved for the truly great teacher.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Loetta Lovejoy Hunt

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 21, 1972, of Loetta L. Hunt, Professor in the College of Education.

Mrs. Hunt joined the faculty at The Ohio State University in 1952. She had served, prior to that time, as a teacher in special education, beginning in 1927. Her area of specialty was the education of blind and visually impaired children. While on the faculty, she developed the present teacher preparation program in that area. It remains, today, the only such program in the State of Ohio.

September 8, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Loetta Lovejoy Hunt (continued)

Mrs. Hunt received her bachelor's degree from Kent State University in 1934, and five years later, a master's degree in education from the University of Pittsburgh. She did advanced graduate work at the University of Cincinnati.

Mrs. Hunt was a member of numerous professional groups and was very active in those specializing in the education of exceptional children and youth. She was a life member of the Council for Exceptional Children and had served as President of the local chapter.

Mrs. Hunt was noted for her devotion to her students and to the Faculty for Exceptional Children. She will be missed and remembered by many students, colleagues, and friends.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Ormann R. Keyser

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 25, 1972, of Ormann R. Keyser, Instructor Emeritus in the Cooperative Extension Service.

Mr. Keyser was born January 1, 1892, in Cleveland, Ohio. He spent the early years of his life on a farm, and graduated from high school in Homerville, Ohio, in 1910. He was engaged in farming, in addition to service in the U. S. Army prior to attending The Ohio State University where he received his B.Sc. degree in Agricultural Engineering in 1922. Additional graduate education courses were taken at The Ohio State University relating to his work in Cooperative Extension and to his favorite subject matter area of agricultural engineering.

From 1922 to 1923 Mr. Keyser was County Extension Agent in Adams County. On March 1, 1923, he transferred to the County Extension Agent position in Stark County, Ohio. This was the position he retired from on January 31, 1957, culminating 35 years of service to the University and to the people of Ohio.

Throughout his career as a faculty member with the Ohio Cooperative Extension Service, Mr. Keyser earned and enjoyed the respect and admiration of the people of Stark County and of his fellow workers. His ability in planning and conducting educational programs was widely recognized. Throughout the years he championed the cause of the farmer and was particularly noted for his honest and forthright expression.

X. RESOLUTIONS IN MEMORIAM (continued)

C. Ormann R. Keyser (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Keyser its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Keyser as a sincere expression of sympathy and respect.

D. Florence L. Lloyd

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 3, 1972, of Florence L. Lloyd, Professor Emeritus in the School of Home Economics.

Miss Lloyd was born in Havre, Montana, on December 21, 1911. She received her Bachelor of Science degree in home economics in 1932 and her Master of Science degree in 1934, both from Montana State University.

Miss Lloyd taught high school home economics in Glendive and Boseman, Montana, after graduation. In 1941 she joined the University of Iowa home economics faculty as a supervisor of student teachers. From 1944 to 1948 she was an Assistant Professor of home management and food at the University of Washington.

Miss Lloyd came to The Ohio State University as an Assistant Professor of home management in 1948. She attained the rank of Associate Professor in 1956. Upon her retirement due to illness in December, 1971, she was granted the title, Professor Emeritus. She gave leadership to the home management houses and to the management core course. Many innovations in these areas took place under her direction. Throughout the years she had a particular interest and concern for the role of women. This interest was reflected in her work with students and her professional and civic affiliations. Her major activities included Legislative Chairman for Ohio Home Economics Association, Coordinator for Commission on Status of Women-American Home Economics Association, Columbus Consumer Credit Counseling Service, Electrical Women's Roundtable and American Association University Women.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. Herbert Anderson Toops

The Board of Trustees expresses its sorrow at the death on August 12, 1972, of Herbert Anderson Toops, Professor Emeritus in the Department of Psychology.

X. RESOLUTIONS IN MEMORIAM (continued)

E. Herbert Anderson Toops (continued)

Herbert Anderson Toops was born in Klousville, Ohio, on September 18, 1895. He attended Ohio Wesleyan University for two years 1912-1914, before transferring to The Ohio State University where he received both the A.B. and B.Sc. in Education degrees in 1916. He also received his M.A. from Ohio State in 1917. He received his Ph.D. degree in Psychology from Teacher's College of Columbia University in 1921.

Dr. Toops served as Research Associate at the Institute of Educational Research at Teachers College (Columbia) from 1921 to 1923. He came to Ohio State as Assistant Professor of Psychology in 1923. He was promoted to Professor in 1927 and served in that capacity until his retirement in 1965 when he became Professor Emeritus.

Dr. Toops founded the Quantitative Area of the Department of Psychology. His courses in elementary and advanced statistics, with emphasis upon correlational analysis, were used as a major and minor in that area and as elective courses for other graduate students in Psychology and many other behavioral science disciplines. He also taught courses in vocational guidance and in applied motivation. The IBM corporation, early recognizing his contributions in the area of data processing, donated free use of a computer to the Department of Psychology almost twenty years before the University had any other computer. He very early took over the administration of the University's aptitude testing program. In that connection, he developed the Ohio State Psychological Examination which he supervised through twenty-four revisions. As long time Chairman of the Department's Personnel Committee, he devised and administered a quantitative method for screening, selecting, and utilizing the department's graduate students.

Dr. Toops advised sixteen Ph.D. and twenty M.A. candidates to degrees during his forty-three year tenure. His first Ph.D. advisee stayed on at Ohio State for twenty years and founded the University's first vocational guidance center, later to become the Student Counseling Center. His second Ph.D. advisee returned to Ohio State as a Professor in 1948 and served as Chairman of the Department of Psychology (1960-1970). Another advisee became Chairman at the University of North Carolina and still another was Chairman at Iowa State University. The latter also served as Vice President for Student Affairs. Two of his advisees received honorary Alumni Awards at the recent University Centennial celebration.

Dr. Toops' Ohio State Psychological Examination was nationally recognized for its high validity. It was adopted as the official aptitude test by the Ohio College Association and Dr. Toops served that organization in an official capacity for many decades.

X. RESOLUTIONS IN MEMORIAM (continued)

E. Herbert Anderson Toops (continued)

Dr. Toops served, during World War II, as Consultant to the Secretary of War in 1944 and as Consultant to the National Roster of Scientific and Specialized Personnel in 1945. He also served as Consultant to the U. S. Navy, 1947-1948, and for many years as a Consultant to the National Research Council in the area of questionnaire construction and analysis.

Dr. Toops was widely recognized for his many contributions in simplified computational methods in the field of statistics. His concepts of the addend and the ulstrith were major contributions in the field of data coding and storage. His Multiple Ratio method and his L method were pioneering landmarks in the areas of selecting tests for batteries and for selecting items for tests.

Dr. Toops was a member and/or fellow of over a dozen national learned and professional societies in the areas of Psychology, Statistics, and Sociology. These many memberships marked him as a man of wide theoretical and practical interests. He wrote several books and hundreds of articles and reports. Everyone who met and knew him was impressed by his creativity.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XI. REPORTS

A. Report from the Retirement and Insurance Committee

1. Post-retirement Benefits

Mr. Gushman, Chairman of the Retirement and Insurance Committee of the Board of Trustees, recommended that termination of pre-retirement death and health insurance coverage under the University's John Hancock contract coincide with the University's compulsory retirement date for employees, thereby providing that such coverage continue during the employee's covered employment with the University and terminate no later than 12:00 p.m. of the last day of the employee's contractual period with the University during which the employee attains age 70.

September 8, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

1. Post-retirement Benefits (continued)

The University post-retirement death and major medical benefits shall not become effective in respect to any individual until he shall have terminated covered O.S.U. employment and shall have met such other requirements as are then in effect in respect to such programs.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated September 8, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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President Enarson concluded the meeting by making the following statement:

I want to speak of some items which I think are of interesting consequence but which do not require Board action. Some are problems, some are achievements, some are matters of human interest, and some are just matters of my interest.

First I want to report that our four Regional Campuses have been fully accredited by the North Central Association. You may think, 'so what?' but I can assure you that John Mount did a superb job in preparing the necessary materials for the visits by the four North Central accrediting teams. I can assure you that it is profoundly embarrassing to a major University not to have its branch campuses accredited. This happened at the University of Colorado and it lost, as a result, substantial public support. Not only were our Regional Campuses accredited but the prose which was used in applauding our programs was pleasantly enthusiastic.

This is, as Chairman Eckley said, my first opportunity to report to the Board formally. I must say I have had an extraordinarily busy week. In fact, my personal biological clock suggests it's a month! Mrs. Enarson and I have been greeted with the greatest kindness and courtesy by people at every level of the organization and I thought you would like to know that.

As an amateur student at organization, I am always on the lookout for clues that tell you something about system and about people. I find it heartening when I arrive at the Administration Building at five minutes to eight each morning (except this morning when I forgot my glasses and had to go back and get here at ten minutes after eight) to find our personnel

September 8, 1972 meeting, Board of Trustees

President Enarson's statement (continued)

moving into the building with dispatch and with smiles on their faces.
And I think that matters.

I suppose the awful truth is that I have fallen behind before I am even started in this job. The calendar fills up weeks ahead and this is before we have even gotten underway with the business of the University which is teaching and learning. We have almost the ideal condition of the University when there are only administrators and faculty around. It's the kind of thing that all of us really want in our hearts and never have. I can see that my objective of not being bound to the office and getting around the campus is going to be extraordinarily difficult to achieve.

In conclusion, I simply want to say that I hope that not only the Trustees but the faculty, my new colleagues on the administrative team, and certainly the students will have to bear with me as I learn about this extraordinarily complex, diverse, fascinating, highly productive University. And this will take time. I am heartened, however, by William Oxley Thompson's remark found in Pollard's book that says, 'He went into his office, he rolled up his sleeves, and he went to work.' And, that's what I am trying to do and with everybody's help, and if none of you will phone me for at least six months we will be in business.

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Thereupon the Board adjourned to meet Friday, October 13, 1972, at the Williams Hall Conference Room, Ohio Agricultural Research and Development Center, Wooster, Ohio at 10:00 a.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTIETH MEETING
OF THE BOARD OF TRUSTEES

Wooster, Ohio, October 13, 1972

The Board of Trustees met at its regular monthly meeting on Friday, October 13, 1972, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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REPORT BY CHAIRMAN

Mr. Eckley announced the appointment of Patricia D. James to the Special Committee on Presidential Housing.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Modification of Campus Master Plan

It is proposed that the official comprehensive master plan map, adopted by the Board of Trustees on February 16, 1962, and amended on eight subsequent occasions, be amended further in the following ways and for the reasons indicated:

1. Planning studies have been completed for that area of the campus occupied by the College of Veterinary Medicine and the College of Agriculture and Home Economics to reflect revised programs and enrollment patterns which will necessitate modified building needs and land uses.
2. A study has been completed of that portion of the proposed campus loop road located generally south of 11th Avenue and east of Neil Avenue. This study was undertaken because this portion of the proposed campus loop road is the only section not entirely on land now owned by the University. It now appears prudent because of limited financial resources to locate the proposed road further north so as to contract the previously authorized land acquisition boundary for this project.

The map changes associated with these changes to the comprehensive master plan are shown on the accompanying map, and are totally consistent with the principles and concepts approved by the Board of Trustees in adopting the comprehensive master plan in 1962.

President Enarson recommended that the Board of Trustees now approve the comprehensive master plan changes as depicted on the accompanying map and the related policy regarding land acquisition, that all previous actions of the Board of Trustees with respect to the comprehensive master plan be reaffirmed, and that a copy of said map be filed by the Secretary with the "Campus Master Plan Study - Phase II" report submitted December 12, 1961.

Upon motion of Mr. Hilliker, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget

In an effort to keep the Board of Trustees current on the University's financial situation, quarterly statements of major changes in the 1972-73 budget as approved on June 2, 1972, will be made during the year. For the first quarter, there were no major changes to either the budgeted income or budgeted expense with the single exception that the beginning balance originally estimated to be \$2,016,807 was actually \$3,763,612 due to unexpected increases in income sources and budget savings effected at the end of the 1971-72 period.

BUDGETED EXPENDITURES

	Original Budget June 2, 1972	Revised Budget September 30, 1972	Difference
General Budgets - Central Campus			
Personnel Services	\$101,394,972	\$101,394,972	-0-
Operating and Equip- ment	20,889,689	20,889,689	-0-
All Other	9,565,326	11,312,131	1,746,805
Ending General Reserve	<u>2,000,000</u>	<u>2,000,000</u>	<u>-0-</u>
Total	<u>\$133,849,987</u>	<u>\$135,596,792</u>	<u>\$1,746,805</u>
Regional Campuses	<u>\$ 5,396,387</u>	<u>\$ 5,396,387</u>	<u>-0-</u>
Restricted Budgets/ Expenditures	<u>\$ 48,205,000</u>	<u>\$ 48,205,000</u>	<u>-0-</u>
Rotary and Auxiliary Budgets	<u>\$ 86,644,000</u>	<u>\$ 86,644,000</u>	<u>-0-</u>
Grand Total	<u><u>\$274,095,374</u></u>	<u><u>\$275,842,179</u></u>	<u><u>\$1,746,805</u></u>

SOURCES OF INCOME

	Original Budget June 2, 1972	Revised Budget September 30, 1972	Difference
Central Campus			
State Subsidy	\$ 65,743,666	\$ 65,743,666	\$ -0-
Student Fees	45,175,000	45,175,000	-0-
Other Unrestricted Income	16,465,445	16,465,445	-0-
Carry Forward from 1971-72	4,449,069	4,449,069	-0-
Beginning General Reserve	<u>2,016,807</u>	<u>3,763,612</u>	<u>1,746,805</u>
Total	<u>\$133,849,987</u>	<u>\$135,596,792</u>	<u>\$1,746,805</u>

October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget (continued)

SOURCES OF INCOME (continued)

	Original Budget June 2, 1972	Revised Budget September 30, 1972	Difference
Regional Campuses - All Sources	\$ 5,396,387	\$ 5,396,387	\$ -0-
Departmental Earnings	4,500,000	4,500,000	-0-
University Services	2,460,000	2,460,000	-0-
Auxiliary Operations	79,684,000	79,684,000	-0-
Restricted Funds	<u>48,205,000</u>	<u>48,205,000</u>	<u>-0-</u>
Grand Total	<u>\$274,095,374</u>	<u>\$275,842,179</u>	<u>\$1,746,805</u>

The major sources from which this increase of \$1,746,805 were generated:

Expenditures Less Than Budgets	
Personnel Services	\$ 184,000
Contingency Reserve	207,000
Expanded Programs Reserve	294,000
Various Operating Funds	103,000
Decrease in Budgets	
Physical Plant	144,000
Construction Projects	199,000
Expanded Programs	210,000
Increases in Income	
Indirect Overhead	147,000
Unrestricted Endowments and Gifts	174,000
Other Miscellaneous	<u>84,805</u>
Total	\$1,746,805

These resources, because of their one-time nature are being expended for a number of high priority remodeling and building improvement projects which were not provided through State allocations, including improvement

I. GENERAL RECOMMENDATIONS (continued)

B. Quarterly Review of Current Funds Budget (continued)

in the storage and use of fuel and utilities, as well as a reserve against possible utility and other essential service rate increases so as to protect the general budget.

President Enarson recommended that the foregoing report as submitted be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

C. Resolution of The Ohio State University Housing Commission
Pertaining to the Lincoln Tower Dormitory Facility

At a meeting on September 26, 1972, The Ohio State University Housing Commission adopted the following resolution which authorizes the Commission to lease space in the Lincoln Tower dormitory facility to the University on a temporary basis for administrative and academic space needs.

WHEREAS, the Board of Trustees of The Ohio State University in a continuing effort to provide housing for the rapidly increasing numbers of students wishing to attend this University created and in turn entered into an agreement dated December 10, 1964, with The Ohio State University Housing Commission in which the Commission agreed to provide the necessary funding and construction of additional residential facilities to 'alleviate the shortage of housing' for students on the Columbus campus, and

WHEREAS, the Housing Commission under a trust agreement dated April 1, 1965, issued Dormitory Revenue Bonds to finance the construction of Lincoln and Morrill Towers for the purpose of providing additional residential facilities, and

WHEREAS, the 108th General Assembly upon the recommendation of the Ohio Board of Regents incorporated within its appropriation for The Ohio State University an enrollment limitation which necessitated a significant reduction in the number of freshmen entering this University for the past three successive years, 1970, 1971 and 1972, which equivalently reduces the sophomore class each subsequent year, and

I. GENERAL RECOMMENDATIONS (continued)

C. Resolution of The Ohio State University Housing Commission
Pertaining to the Lincoln Tower Dormitory Facility (continued)

WHEREAS, these enrollment reductions resulted in the concomitant reduction in the number of students required to live in University housing under the parietal rule established by The Ohio State University Board of Trustees' action on September 1, 1958, and as modified on February 11, 1965, and

WHEREAS, the University has determined that its parietal rules are as stringent as possible under all existing circumstances and are being strictly enforced, and

WHEREAS, the number of students either required or electing to live in the University dormitory facilities during the academic year 1972-1973 is insufficient to support the economic operation of Lincoln Tower for dormitory or dining purposes, and

WHEREAS, this University has urgent short term space needs to support its academic, research and service commitments, and

WHEREAS, the essence of Section 5 of the December 10, 1964, agreement provides that students need not be assigned to these facilities of the Housing Commission if, under the legal and practical limits to imposing parietal rule requirements, students cannot be so assigned in adequate numbers to permit economical operation of the University's housing system, but

WHEREAS, the 'Pledged Receipts' from Lincoln and Morrill Towers are the sole source of income presently securing the Housing Commission Bonds, now

THEREFORE BE IT RESOLVED that the Housing Commission may rent space in Lincoln Tower to The Ohio State University under such terms and conditions as are deemed appropriate by the Housing Commission, the Board of Trustees of the University and legal counsel for the Housing Commission effective immediately and until the beginning of the Autumn Quarter, 1973 with the understanding that during this interim period no structural modification will be made which will preclude the possible return of this facility to dormitory and dining use.

October 13, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Resolution of The Ohio State University Housing Commission
Pertaining to the Lincoln Tower Dormitory Facility (continued)

AND FURTHER BE IT RESOLVED that the President of the University will undertake a comprehensive study to determine this University's long range dormitory needs and based upon this study present a series of recommendations to the Housing Commission and in turn to the Board of Trustees for its consideration and action no later than February 2, 1973.

It was recommended that the President of the University be authorized to enter into a lease arrangement between the University and the Housing Commission which will accommodate short-term space needs of the University required to support its academic, research and service commitments and which is consistent with the requirements of the Housing Commission expressed in its resolution of September 26, 1972, authorizing rental of Lincoln Tower space to the University.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

D. Amendment to Federal Aviation Agency Grant
Agreement (Project No. 8-39-0027-01)

The Board of Trustees on June 2, 1972, approved an Agreement with the Federal Aviation Agency in the amount of \$1,279,332 providing for a number of improvements to support the increased operational activities at Don Scott Field. Because of the location of two University farm structures, the Federal Aviation Agency is now requesting that this Agreement be amended so as to accommodate an extension of the parallel east-west runway on the north side of the airport which is presently 3,000 feet in length to 5,000 feet.

It was recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to approve this Amendment to the existing Grant Agreement for Project No. 8-39-0027-01, as appended hereto, so as to provide for the eventual extension of the runway as provided above and to modify the Don Scott Field Master Plan accordingly. (See Appendix IV, page 203.)

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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II. PERSONNEL CHANGES

Personnel changes since the September 8, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

October 13, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions

Charles L. Mand from Professor in the School of Health, Physical Education and Recreation to Professor and Chairman of the Division of Physical Education in the School of Health, Physical Education and Recreation, effective immediately, at a salary of \$18,648.00 per annum (9-month appointment).

Marjorie Pierson McMillin from Associate Professor in the School of Social Work to Associate Professor and Assistant Director in the School of Social Work, effective immediately, at a salary of \$17,088.00 per annum (12-month appointment).

Richard W. Parkinson from Professor in the Department of Engineering Graphics to Professor and Acting Chairman in the Department of Engineering Graphics, effective immediately, at a salary of \$21,132.00 per annum (9-month appointment).

B. Leaves of Absence Without Salary

Ralph E. Franklin, Professor, Department of Agronomy, effective September 1, 1972 through June 30, 1973, to work as a soil research scientist with the Atomic Energy Commission.

J. Marshall Hanna, Professor, Academic Faculty of Vocational-Technical Education, effective April 1, 1973 through June 30, 1973, for personal reasons.

F. Paul Taiganides, Professor, Department of Agricultural Engineering, effective October 1, 1972 through October 31, 1972, to serve as consultant for the United Nations in Poland and Czechoslovakia.

Inez Ray Wells, Professor, Academic Faculty of Vocational-Technical Education, effective October 1, 1972 through December 31, 1972, for personal reasons.

John P. Cashbergue, Associate Professor, School of Allied Medical Professions - Medical Dietetics Division, effective September 15, 1972 through June 30, 1973, to pursue academic studies.

October 13, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Regina Ann Brown, Instructor, University Library, effective October 16, 1972 through November 30, 1972, for personal reasons.

George D. Coder, Instructor, Lima Regional Campus, effective October 1, 1972 through September 30, 1973, to complete work on his Ph.D. thesis.

Bonnie Lee Iyle, Instructor, School of Nursing, effective September 18, 1972 through March 25, 1973, for personal reasons.

Joyce McDowell, Instructor (County Extension Agent, Home Economics) Adams County, Cooperative Extension Service, effective September 16, 1972 through October 31, 1972, for personal reasons.

C. Emeritus Titles

Marion L. Ainsworth, Department of Pediatrics, with the title Clinical Professor Emeritus, effective September 1, 1972.

James G. Haub, Department of Zoology, with the title Professor Emeritus, effective October 1, 1972.

Nicholas Michael, Department of Psychiatry, with the title Clinical Professor Emeritus, effective July 1, 1972.

Eva D. Wilson, School of Home Economics, with the title Professor Emeritus, effective August 1, 1972.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

SUMMARY

(August 12, 1972 - September 15, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$1,286,393.00
Industrial and Other Research	4	285,396.00
<u>Grants</u>		
Government Research - Federal	22	850,158.00
Government Research - State	2	155,127.00
Industrial and Other Research	<u>2</u>	<u>9,780.00</u>
Totals	40	\$2,586,854.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Project No. 2989 - Mod. #P00004 - Department of Electrical Engineering).
Gross Value - \$26,997.00.
- b. Department of the Navy, Office of Naval Research, Arlington, Virginia, Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Project No. 3006-A1 - Mod. #5 - College of Administrative Science, Continuing Education).
Gross Value - \$24,981.00.
- c. Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Termination Settlement and Negotiation Course (to be known as Project No. 3150-A1 - Mod. #4 - College of Administrative Science, Continuing Education).
Gross Value - \$28,270.00.
- d. Department of the Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #7 - College of Administrative Science, Continuing Education).
Gross Value - \$86,242.00.
- e. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior (to be known as Project 3489-A1 - Mod. #1 - College of Administrative Science, Division of Research).
Gross Value - \$395,903.00.
- f. Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Environmental Analysis of Central Ohio (to be known as Project No. 3492-A1 - New - College of Biological Sciences, Ohio Biological Survey).
Gross Value - \$50,000.00.
- g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physicians and Health Professions Education, Bethesda, Maryland, Dissemination of Pilot Medical School Curriculum (to be known as Project No. 3515-A1 - New - College of Medicine).
Gross Value - \$303,000.00.

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of the Air Force, Air Force Systems Command, L. G. Hanscom Field, Bedford, Massachusetts, Study of Gyro-synchrotron Emission in the Solar Atmosphere and of Time Dependent Characteristics of Microwave Bursts (to be known as Project No. 3522-A1 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- i. Department of the Navy, Office of Naval Research, Arlington, Virginia, Five-Day Defense Contract Negotiation Techniques Course (to be known as Project No. 3523-A1 - New - College of Administrative Science, Continuing Education).
Gross Value - \$66,000.00.
- j. Department of Transportation, Federal Highway Administration, Washington, D. C., Field Test and Evaluation Center for Eastern States (to be known as Project 3535-A1 - New - Engineering Experiment Station).
Gross Value - \$285,000.00.

TOTAL - Government Research Contracts - Federal \$1,286,393.00

2. Industrial and Other Research Contracts

- a. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885 - Ext. #15 - Department of Biophysics).
Gross Value - \$18,996.00.
- b. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885-A - Ext. #6 - Institute for Research in Vision).
Gross Value - \$13,000.00.
- c. Edison Electric Institute, New York, New York, Stress Corrosion Cracking of Stainless Steels and Inconels (to be known as Project No. 3507-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$249,800.00.
- d. Environment Control Corporation, Painesville, Ohio, Frequency and Structure of Temperature Inversions, Cedar Bog, Ohio (to be known as Project No. 3534-A1 - New - Department of Botany).
Gross Value - \$3,600.00.

TOTAL - Industrial and Other Research Contracts \$285,396.00

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds (to be known as Project No. 1809-G - Sup. #1 - Department of Chemistry).
Gross Value - \$12,944.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biophysical Mechanisms of Cardiac Membranes Responses (to be known as Project No. 2085-G - Ext. #7 - Department of Pharmacology).
Gross Value - \$46,591.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as Project No. 2090-G - Ext. #7 - Department of Physiological Chemistry).
Gross Value - \$31,889.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as Project No. 2512-E - Ext. #5 - Department of Anatomy).
Gross Value - \$26,224.00.
- e. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #6 - Department of Geodetic Science).
Gross Value - \$40,716.00.
- f. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Organizational Responses to Major Community Crises (to be known as Project No. 2673-D - Ext. #4 - Department of Sociology).
Gross Value - \$108,647.00.

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants Federal (continued)

- g. National Science Foundation, Washington, D. C., Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as Project No. 3028-A1 - Amend. #1 - Department of Chemistry).
Gross Value - \$42,400.00.
- h. National Science Foundation, Washington, D. C., Intermediate Boron Hydrides and Their Derivatives (to be known as Project No. 3090-A1 - NSF ltr. dtd. 8/11/72 - Department of Chemistry).
Gross Value - \$40,200.00.
- i. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - Amend. #2 - Department of Electrical Engineering).
Gross Value - \$44,800.00.
- j. National Science Foundation, Washington, D. C., Catalysis by Labile Metal Ions in Mixed Ligand Systems (to be known as Project No. 3101-A1 - NSF ltr. dtd. 8/2/72 - Department of Chemistry).
Gross Value - \$37,800.00.
- k. Department of Health, Education, and Welfare, Office of Education, Educational Administration, Washington, D. C., A National Program in Educational Leadership (to be known as Project No. 3252-D1 - New - Academic Faculty of Educational Administration).
Gross Value - \$23,644.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Control of Differential Gene Action and Morphogenesis (to be known as Project No. 3307-A2 - Ext. #1 - Department of Biochemistry).
Gross Value - \$22,241.00.
- m. National Science Foundation, Washington, D. C., Chemistry of Bent Bonds (to be known as Project No. 3313-A1 - NSF ltr. dtd. 8/11/72 - Department of Chemistry).
Gross Value - \$40,400.00.
- n. National Science Foundation, Washington, D. C., Collaborative Research on Cenozoic Igneous History of the Central American Volcanic Province (to be known as Project No. 3519-A1 - New - Department of Geology).
Gross Value - \$35,300.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- o. National Science Foundation, Washington, D. C., Coalition Formation and Group Structuring (to be known as Project No. 3524-A1 - New - Department of Sociology).
Gross Value - \$51,900.00.
- p. National Science Foundation, Washington, D. C., Collaborative Research on Italian Electoral Politics (to be known as Project No. 3525-A1 - New - Department of Political Science).
Gross Value - \$28,900.00.
- q. National Science Foundation, Washington, D. C., Synthesis and Rearrangement Reactions of Novel Alicyclic Hydrocarbons (to be known as Project No. 3526-A1 - New - Department of Chemistry).
Gross Value - \$40,600.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuropharmacology of Isolated Neuroendocrine Systems (to be known as Project No. 3529-A1 - New - Department of Pharmacology).
Gross Value - \$45,552.00.
- s. National Science Foundation, Washington, D. C., Thermodynamics of Photosynthesis (to be known as Project No. 3530-A1 - New - Department of Biophysics).
Gross Value - \$20,000.00.
- t. National Science Foundation, Washington, D. C., A Monograph of the Family Saprolegniaceae (to be known as Project No. 3531-A1 - New - Department of Botany).
Gross Value - \$25,200.00.
- u. National Science Foundation, Washington, D. C., Metal Carbonyls and Metal-Carbonyl Bonds (to be known as Project No. 3536-A1 - New - Department of Chemistry).
Gross Value - \$26,300.00.

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- v. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, New Chemotherapy of Sickle Cell Disease (to be known as Project No. 3537-A1 - New - Department of Medicine).
Gross Value - \$57,910.00.

TOTAL - Government Research Grants - Federal \$850,158.00

4. Government Research Grants - State

- a. State of Ohio, Department of Urban Affairs, Columbus, Ohio, Program for the Study of Crime and Delinquency - Phase II (to be known as Project No. 3520-A1 - New - College of Administrative Science, Public Administration).
Gross Value - \$141,922.00.
- b. State of Ohio, Department of Urban Affairs, Columbus, Ohio, Program for the Study of Crime and Delinquency - Phase II (to be known as Project No. 3520-B1 - New - Department of Sociology).
Gross Value - \$13,205.00.

TOTAL - Government Research Grants - State \$155,127.00

5. Industrial and Other Research Grants

- a. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Determination of the Mechanisms Underlying Radiation Resistance in Chronic Granulocytic Leukemia (to be known as Project No. 3521-A1 - New - Department of Radiology).
Gross Value - \$4,950.00.
- b. The Population Council, Inc., New York, New York, The Development of a Book on Latin American Population Policies (to be known as Project No. 3532-A1 - New - Department of Political Science).
Gross Value - \$4,830.00.

TOTAL - Industrial and Other Research Grants \$9,780.00

October 13, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS, AND AGREEMENTS (continued)

B. The Report of the Research Contract
from the Engineering Experiment Station

SUMMARY

(Period: August 12, 1972 - September 15, 1972)

	No. of Projects	Gross Value
Industrial Research Contract	1	\$11,482.00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Industrial Research Contract

EES 427X Utilization of Sonic Power in Agricultural Applications,
Lilliston Corporation, Albany, Georgia.
Gross Value - \$11,482.00.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: August, 1972)

<u>Grants</u>	
Office of Finance and Treasurer	\$3,628,375.00

Fiscal Year July 1, 1972 - August 31, 1972

<u>Gifts</u>			
The Ohio State University Development Fund			
	Number of Donors	Amount of Gifts	Total
General Solicitation	7,119		\$ 149,879.62
Major Resources Group:			
Major Individual Gifts	110	\$351,684.02	
Corporate Gifts	78	235,962.09	
Foundation and Non- profit Organiza- tion Gifts	<u>70</u>	<u>229,557.60</u>	
Total			<u>817,203.71</u>
Grand Total	7,377		\$ 967,083.33

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,894,294.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the National Defense Student Loan Program, for the period July 1, 1972 through June 30, 1973. (NIH Grantee Account Number 766505)
2. \$1,279,332.00 granted by Federal Aviation Agency, Washington, D. C., to the University for support of the project for development of the University Airport (Project No. 8-39-0027-01). (Contract No. DOT-FA-72-GL-6722)
3. \$260,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., to the University for curriculum development basic to the training to individuals for employment in agri-business, natural resources, and environmental protection, under the direction of the Department of Agricultural Education, for the period June 15, 1972 through June 14, 1974. (Contract No. OEC-0-72-4677)
4. \$61,295.00 granted by Environmental Protection Agency, Washington, D. C., to the University for Multi-disciplinary Training in Water Pollution Control, under the direction of the Water Resources Center, for the period July 1, 1972 through June 30, 1973. (Grant No. 900130)
5. \$35,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Training, Chicago, Illinois, to the University for Traineeships in Speech Pathology and Audiology, under the direction of the Department of Speech Communication, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25121/5-09)
6. \$27,210.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration, Chicago, Illinois, to the University for Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25124/5-09)

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. \$20,379.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration, Chicago, Illinois, to the University for Training in Medical Sociology, under the direction of the Department of Sociology, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25120/5-08)
8. \$17,670.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I.D. No. B 7 45 0430 15 1)
9. \$15,000.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Rehabilitation Services Administration - Training, Chicago, Illinois, to the University for Occupational Therapy Undergraduate Traineeships, under the direction of the School of Allied Medical Professions, for the period September 1, 1972 through August 31, 1973. (Grant No. 44-P-25123/5-08)
10. \$10,368.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Training Grant in Endocrinology, under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1972 through June 30, 1973. (Grant No. 3 T01 AM05403-09S1)
11. \$4,780.00 granted by The Ford Foundation, New York, New York, to the University for Black American Doctoral Fellowship, under the direction of the Graduate School, for the academic year 1972-1973. (Project No. 719-0021)
12. \$1,659.00 granted by U. S. Department of Justice, Law Enforcement Administration, Washington, D. C., to the University for support of Law Enforcement Education Program for the fiscal year July 1, 1972 through June 30, 1973. (Transaction No. 003090-2-73-1-1)
13. \$1,388.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan, under the direction of the School of Nursing, for the period July 1, 1972 through June 30, 1973. (I.D. No. G 7 45 0430 15 1)

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through
The Ohio State University Development Fund

1. \$57,042.00 from Ohio Lions Eye Research Foundation, Springfield, Ohio--\$31,680.00 for research in the Department of Ophthalmology and \$25,362.00 for research in the College of Optometry.
2. \$25,475.27 from the Estate of Lucille Morrissey Denney, Columbus, Ohio--\$12,737.64 for the Department of Music and \$12,737.63 for the Denney Shakespeare collection.
3. \$25,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Battelle Professorship in Metallurgical Engineering.
4. \$24,000.00 from E. F. Wildermuth Foundation, Columbus, Ohio, for scholarships in the College of Optometry.
5. \$22,316.59 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine.
6. \$17,900.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
7. \$12,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
8. \$10,000.00 from the Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for its scholarship fund in Engineering.
9. \$10,000.00 from Mr. and Mrs. Cyril R. Porthouse, Kent, Ohio, for the Novice G. Fawcett Chair in Educational Administration.
10. \$10,000.00 from Ross Laboratories, Columbus, Ohio, for its research fund in Dairy Food Chemistry.
11. \$9,600.00 from G. D. Searle & Company, Chicago, Illinois, for its fund in the Department of Pharmacology.
12. \$9,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
13. \$8,400.00 from the International Nickel Company of Canada, Ltd., New York, New York, for its fellowship in Metallurgical Engineering.
14. \$8,200.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Gifts of \$5,000 or More Received Through
The Ohio State University Development Fund

15. \$7,500.00 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--\$5,000.00 for the Student Memorial Fund in the College of Dentistry and \$2,500.00 for the Snyder Research Memorial Fund in the College of Medicine.
16. \$6,000.00 from The Procter and Gamble Company, Cincinnati, Ohio, to establish a fellowship in the Department of Mechanical Engineering.
17. \$5,000.00 from NOBA, Inc., Tiffin, Ohio, for research in the Department of Dairy Science.
18. \$5,000.00 from Parke-Davis, Detroit, Michigan, for its research in the College of Medicine.

C. Gifts-in-Kind

1. Movie posters from Mr. Philip Sills, Riverdale-on-Hudson, New York, for the College of The Arts.
2. Movie inserts from Mr. Frederick R. Adler, New York, New York, for the College of The Arts.
3. On June 10, 1965, the Board of Trustees accepted through the Development Fund, the personal collection of American Cicadellidae from Dr. Dwight M. DeLong, a member of this University's faculty. Dr. DeLong has now offered to make a gift of more than 12,000 additional specimens to be added to this collection. In accepting this gift the same conditions are agreed to as set forth at the time of the original gift.

D. Establishment of Named Funds

1. \$19,386.22 for the establishment of The Kate Deterly Gordon Memorial Fund.

The Kate Deterly Gordon Memorial Fund

The Kate Deterly Gordon Memorial Fund was established October 13, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Ruth Gordon (B. A. '06) late of Columbus, in memory of her mother, Kate Deterly Gordon.

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

1. The Kate Deterly Gordon Memorial Fund (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and re-invest as occasion dictates.

The annual income is to be used by the College of Mathematics and Physical Sciences for the higher education of persons especially talented in the field of mathematics and/or allied or associate courses; said persons to be selected upon the recommendation of the Dean of the College of Mathematics and Physical Sciences.

Should the College of Mathematics and Physical Sciences cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for mathematical sciences.

2. \$10,000.00 for the establishment of The Ruth Gordon Memorial Fund.

The Ruth Gordon Memorial Fund

The Ruth Gordon Memorial Fund was established October 13, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Ruth Gordon in memory of herself. Miss Gordon was a resident of Columbus and earned a Bachelor of Arts degree in 1906.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income to be used by the College of The Arts for the higher education of persons especially talented in the field of piano music education; said persons to be selected upon the recommendation of the Dean of the College of The Arts.

Should the College of The Arts cease to exist, through any reorganization of the University then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in the field of piano music.

October 13, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Establishment of Named Funds (continued)

3. \$1,000.00 for the establishment of the Dennis A. Nabors, D.D.S., '32 Scholarship.

The Dennis A. Nabors, D.D.S., '32 Scholarship

The Dennis A. Nabors, D.D.S., '32 Scholarship was established October 13, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Dennis A. Nabors, Jr., D.D.S., 1961, Cincinnati, Ohio, in honor of his father, Dennis A. Nabors, Sr., D.D.S., 1932.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Annual income is to be added to the principal. Starting in 1982, in honor of Dr. Nabor's 50th anniversary of graduation from the College of Dentistry, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Dentistry who have demonstrated academic ability and need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the dean of the College of Dentistry.

Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Dean of the College of Dentistry.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Biological Sciences Building - Air Conditioning Rooms 116, 120, 127, and 129

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$15,300.00	\$15,951.60	\$651.60

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Biological Sciences Building - Air Conditioning Rooms 116, 120, 127, and 129 (continued)

During construction it was found necessary to provide isolating walls above finished ceilings where it was not possible to make an examination during the design period.

Funds for this revision have been provided by Budget Account 801137 (Biological Sciences Building).

Upon motion of Mr. Harrod, seconded by Mrs. James, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 5 Approves the release of \$93,701 from Item 315-074, "Utilities and Renovation," for the improvements in Brown and Hagerty Halls.
- 6 Approves the release of \$20,000 from Item 315-084, "Southeastern Ohio Area Extension Center," for the planning, including architectural fees on the project, "Southeastern Ohio Area Extension Center."
- 7 Approves the release of \$87,000 from Item 315-074, "Utilities and Renovation," for the award of contracts on the project, "Improvements to Stillman Hall."

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VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Southeast Ohio Area Extension Center - Employment of Engineers

President Enarson recommended that the engineering firm of Ayres, Konneker and Associates, Columbus, Ohio, be employed to provide complete professional engineering services for plumbing, heating, ventilating, and air conditioning, electrical and utility extension work for above project. This includes design, preparation of drawings, specifications, estimate of cost, checking of shop drawings and three visits to the site during construction.

This project will consist of office space, laboratory space, and demonstration space for an area extension office to serve southeastern Ohio. It is anticipated that twenty to thirty people will use this facility daily while up to two hundred people will be accommodated at various times for special programs and meetings.

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Southeast Ohio Area Extension Center - Employment of Engineers (continued)

The Southeast Ohio Area Extension Center will be involved in area agricultural extension administration, testing various soil samples, and in periodic demonstrations and educational presentations. The site for this facility will be on property leased from the Ohio Agricultural Research and Development Center. It is located at the Eastern Ohio Resource Development Center near Caldwell in Noble County.

The fee for this service will be 5 percent of the total project estimate of \$95,000.00. Therefore, the total estimate for the engineering services on this project will be \$4,750.00. Funds for this work have been provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center).

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the above recommendation was approved by a five to one vote with Messrs. Eckley, Hilliker, Dunlap, Harrod, and Dr. Sirak casting affirmative votes and Mrs. James casting a negative vote.

B. Purchase of Buildings and Property - South Campus

President Enarson recommended that the President and/or Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Lot Number 6, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 115-117 West 11th Avenue, from Phil A. Slobin, at a purchase price of \$31,000.

Lot Number 23, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 118 West 10th Avenue from the Estate of Bertha F. Meyerholtz, at a purchase price of \$20,000.

Lot Number 25, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 128 West 10th Avenue from Ross A. Kramer, et al, at a purchase price of \$19,000.

The parcels will be purchased in accordance with appraisals obtained from M. A. I. Appraisers. Funds are available in Budget Accounts 801262 and 921700 for the purchase of the properties.

Upon motion of Mr. Harrod, seconded by Mrs. James, the above recommendation was approved by unanimous roll call vote.

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VIII. RESOLUTION IN MEMORIAM

President Enarson reported to the Board the death of Alvah Peterson, Professor Emeritus in the Department of Entomology. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Alvah Peterson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on September 11, 1972, of Alvah Peterson, Professor Emeritus in the Department of Entomology, College of Biological Sciences.

Dr. Peterson was born in Galesburg, Illinois, on September 13, 1888. He received the B.S. degree, with distinction, from Knox College in 1911, and the A.M. and Ph.D. degrees from the University of Illinois, in 1913 and 1916 respectively.

In 1928, Dr. Peterson joined the faculty of The Ohio State University. Prior to that time he had served as an Associate Professor at Rutgers University from 1916 to 1925, conducting research on insect control of destructive pests, and from 1925 to 1928, as senior entomologist in the U. S. Department of Agriculture, Bureau of Entomology, conducting research on insects attacking fruit crops. During this period he pioneered the development of biological control methods using parasites to gain some control of the Oriental fruit moth.

Many of Dr. Peterson's associates consider his major contribution to science to be his two volume work, "Larvae of Insects." This treatise represented the first, and in some instances, the only single source of information for the reliable identification of immature insects. These books have been invaluable to research workers and insect control specialists all over the world, and have made possible the offering of courses in the taxonomy of immature insects at Ohio State and in many other colleges and universities.

Dr. Peterson's contributions span more than five decades and include studies of the structure of thrips, microphotography of insect eggs, and techniques for the study of insects in the field and laboratory. He received many honors and awards for his photographs of various stages of insect development.

Professor Peterson retired from The Ohio State University in 1958 after 30 years' service and was awarded the Honorary Degree Doctor of Science by this University in 1970.

Dr. Alvah Peterson was a great teacher and scientist who contributed much to the stature of this University. Students and colleagues throughout the world remember him for his scholarly and humane qualities.

VIII. RESOLUTION IN MEMORIAM (continued)

A. Alvah Peterson (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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IX. REPORTS

A. Report from the Finance and Investment Committee

1. Sale of Property (25.680 Acres, Board of Trustees Lands North of Don Scott Field) to the State of Ohio (Adjutant General)

Mr. Hilliker presented the following recommendation:

At the request of the Adjutant General of the State of Ohio and with the full concurrence of this University and the Office of the Board of Regents, the Controlling Board of the State of Ohio on August 28, 1972, authorized the purchase of 25.680 acres by the State of Ohio (Adjutant General) for the sum of \$282,480 from monies available to the Adjutant General. The title for this land includes an 18.680-acre parcel located to the rear of 3015 West Granville Road which was acquired from Frank C. Norris on November 5, 1963, and a 7-acre parcel, part of a 56-acre tract, located to the rear of 3025 West Granville Road purchased from Herschel D. Mitchell on September 1, 1972.

Authority was requested for the President and/or Treasurer to prepare the necessary legal documents and to execute the transfer of titles to these properties from the Investment Portfolio to the State of Ohio upon payment of the above-mentioned price and that these funds be deposited in the Investment Portfolio.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated October 12, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

October 13, 1972 meeting, Board of Trustees

IX. REPORTS (continued)

C. President's Monthly Report

President Enarson made a presentation on University enrollment trends and projections. Distribution trends by level as well as program were incorporated in this report.

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Thereupon the Board adjourned to meet Friday, November 3, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman

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APPENDIX IV

Amendment No. 1
GRANT AGREEMENT FOR PROJECT NO. 8-39-0027-01
(Contract No. DOT-FA-72-G1. 6722)

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AMENDMENT NO. 1 TO GRANT AGREEMENT FOR PROJECT NO. 8-39-0027-01
(Contract No. DOT-FA-72-GL 6722)

Effective Date of Amendment
Ohio State University
Columbus, Ohio

WHEREAS, the Federal Aviation Administration (hereinafter referred to as the "FAA") has determined it to be in the interest of the United States that the Grant Agreement between the FAA, acting for and on behalf of the United States, and the Board of Trustees of the Ohio State University (hereinafter referred to as the "Sponsor"), accepted by said Sponsor on 8 June 1972 be amended as hereinafter provided.

NOW, THEREFORE, WITNESSETH:

That in consideration of the benefits to accrue to the parties hereto, the FAA on behalf of the United States, on the one part, and the Sponsor, on the other part, do hereby mutually agree that the said Grant Agreement be and the same hereby is amended as follows:

1. By deleting the development appearing in the second WHEREAS clause on Page 1 of the Grant Agreement and substituting the following:

Reimbursement of land acquired in fee for airport development, clear zones and approach protection, parcels "A", "B", "C", "D" and "E"; construct, mark and light NE-SW taxiway (1400' X 50'), taxiway between R/W 27R approach end and north operational area (600' X 50'), connecting parallel taxiway to R/W 9R extension (1650' X 50') and taxiway connecting R/W 9L and 9R (2250' X 50'); construct 27R holding apron (approx. 945 SY), 9R holding apron (approx. 2695 SY), 9L holding apron (approx. 945 SY), itinerant parking apron (approx. 4000 SY and 6200 SY), and 27L holding apron (approx. 2695 SY); light existing R/W 5-23 as taxiway (2200'); construct, mark and light (MIRL) R/W 9L-27R (3000' X 100') including construction of 140' extension to R/W 14-32; construct, mark and light (HRL) extension to west end of R/W 9R-27L (600' X 100'); light (MIRL) R/W 14-32 (3000'); overlay T/W D (666' X 50') and taxiway between R/W 27L and edge of Fire Building apron (3250' X 50'); construct and floodlight apron east of tee hangars (approx. 24,000 SY); construct two stub taxiways (75' X 40' and 80' X 40'); install perimeter fence (approx. 23,000 l.f.); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R; overlay R/W 9R-27L (approx. 4400' X 100'), R/W 14-32 (approx. 2740' X 100') and a portion of T/W B (approximately 500' X 50').

2. In furtherance of paragraphs 10 and 12 of the Grant Agreement and of the paragraphs 7, 12, and 13 of the Part III - Sponsor's Assurances of the Project Application dated April 14, 1972 and incorporated in this Agreement, the Sponsor shall take the following actions to insure adequate approach protection and compatible land use in the airport areas now owned by the University.
- a. The Sponsor shall physically substitute the Property Map - Exhibit A, dated April 13, 1972 and revised October 6, 1972, for the Property Map-Exhibit A attached to the Project Application dated April 14, 1972, and the revised Property Map-Exhibit A shall become a part of this Agreement. Upon acceptance of this Amendment by the Sponsor, FAA shall cause like substitution in the remaining outstanding copies of the Grant Agreement.
 - b. The Sponsor shall resubmit, prior to final payment, the Master Plan for Don Scott Field, revised to show all structures which exist and are planned within the future approach zones as they are contained within the airport boundary as required by the above referenced paragraph 12 of Part III-Sponsor's Assurances. The Sponsor further covenants and agrees that at such time as R/W 9L-27R is extended to the west, with or without Federal aid, that the Structures No. 1,2,3,4 and 6 in the west clear zone and approach area as denoted on the Exhibit B, dated October 11, 1972, which is attached and made a part of this Amendment, shall be removed or relocated to a location meeting current FAA obstruction criteria. It is further understood and agreed that no additional structures will be erected, nor any existing structure be raised beyond its present height, in any runway clear zone or approach area unless shown on the Airport Layout Plan.

UNITED STATES OF AMERICA
FEDERAL AVIATION ADMINISTRATION

By *Rolland A. Heim*
Chief, Airports District Office
Cleveland, Ohio

BOARD OF TRUSTEES OF THE OHIO
STATE UNIVERSITY (SPONSOR)

Attest:

Title _____

By _____
Title _____

CERTIFICATE OF SPONSOR'S ATTORNEY

I, _____, acting as Attorney for Board of Trustees of the Ohio State University,
(hereinafter referred to as "Sponsor") do hereby certify:

That I have examined the foregoing Amendment to Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the execution thereof by said Sponsor has been duly authorized and is in all respects due and proper and in accordance with the laws of the State of Ohio, and further that, in my opinion, said Amendment to Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at Columbus, Ohio, this _____ day of _____, 19____

Title_____

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 3, 1972

The Board of Trustees met at its regular monthly meeting on Friday, November 3, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John H. Dunlap, Vice Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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November 3, 1972 meeting, Board of Trustees

Mr. John H. Dunlap, Vice Chairman, presided at this meeting in the absence of the Chairman, Mr. Eckley.

REQUEST TO SPEAK

Mr. Michael White, President of the Undergraduate Student Government, appeared before the Board of Trustees to invite the individual Board members participation in a "Trustee Day" tentatively scheduled during the second week of the Winter Quarter. Mr. Dunlap thanked Mr. White on behalf of the Board for the invitation and said that the Board would respond to the invitation as soon as possible.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Honorary Degrees

Upon the recommendation of the Committee on Honorary Degrees, the University Senate by mail ballot approved and recommended to the Board of Trustees the following four persons for the honorary degrees as indicated:

Hal Oscar Anger	Doctor of Science
Elizabeth Monroe Boggs	Doctor of Laws
Paul Jackson Kramer	Doctor of Science
Elburt Franklin Osborn	Doctor of Science

President Enarson recommended that these honorary degrees be conferred at a mutually convenient commencement or academic occasion.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the October 13, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Leaves of Absence Without Salary and Emeritus Title:

A. Leaves of Absence Without Salary

Morris J. Beja, Professor, Department of English, effective January 1, 1973 through September 30, 1973, to accept a Fulbright Lectureship at the University of Dublin.

II. PERSONNEL CHANGES (continued)

A. Leaves of Absence Without Salary (continued)

Thomas J. Burns, Professor, Academic Faculty of Accounting, effective January 1, 1973 through June 30, 1973, to serve as a Visiting Professor in the School of Business, University of California at Berkeley.

John L. Livingstone, Professor, Academic Faculty of Accounting, effective October 1, 1972 through March 31, 1973, to serve as a Visiting Professor at the University of Toronto.

Swamy A. V. B. Paravastu, Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to be a Consultant with the Board of Governors, Federal Reserve System, Washington, D. C.

Hao Chang, Associate Professor, Department of History, effective October 1, 1972 through December 31, 1972, to teach at the University of California at Davis.

Henry H. Glover, Associate Professor, Department of Mathematics, effective October 1, 1972 through March 31, 1973, to serve as a Visiting Professor at the Eidgenossische Technische Hochschule, Zurich, Switzerland.

Daniel T. Hughes, Associate Professor, Department of Anthropology, effective April 1, 1973 through June 30, 1973, to conduct a study in the Philippines under the sponsorship of a National Endowment for Humanities Fellowship.

William David Andrews, Assistant Professor, Department of English, effective January 1, 1973 through September 30, 1973, to accept a NEH Younger Humanist Fellowship.

Edward L. Rice, Instructor, Mansfield Campus, effective October 1, 1972 through September 30, 1973, for personal reasons.

B. Emeritus Title

Mary Eloise Green, School of Home Economics, with the title Professor Emeritus, effective September 1, 1972.

President Enarson recommended that the Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the October 13, 1972 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Finance and Treasurer	8	\$ 385,528.00
The Ohio State University Research Foundation	53	1,203,369.00
The Engineering Experiment Station	6	178,590.00
The Ohio State University Development Fund	9,449	1,486,443.90

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Finance and Treasurer

1. \$140,496.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Dentistry, for the period September 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE01205-01)
2. \$79,995.00 granted by Department of Health, Education, and Welfare, U. S. Office of Education, Contracts and Grants Division, Washington, D. C., to the University for the ERIC Clearinghouse on Vocational and Technical Education, under the direction of The Center for Vocational and Technical Education, for the period September 1, 1972 through December 31, 1972. (Contract No. OEC-0-70-1214)
3. \$29,715.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Health Professions Special Project Grant Program, under the direction of the College of Pharmacy, for the period September 1, 1972 through June 30, 1974. (Grant No. 1 D08 PE05122-01)
4. \$29,074.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Preceptorship Training in Pediatrics for Medical Students, under the direction of the Department of Pediatrics, for the period September 1, 1972 through June 30, 1973. (Grant No. 1 D08 PE08018-01)
5. \$28,640.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for Upgrading Counseling Skills, for fifteen employment service staff members. (Contract No. H5-8564-37-05)
6. \$28,618.00 granted by Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for Developing a Model Health Evaluation Program Conducted by the Extension Service Through Its State and Local Structure, under the direction of the Cooperative Extension Service, for the period June 29, 1972 through June 30, 1973. (Contract No. HSM 110-72-389)
7. \$25,484.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for the MEDIHC program in the State of Ohio, for the period October 1, 1972 through September 30, 1973. (Contract No. NIH 72-4026 - Modification No. 1)
8. \$23,506.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Neocortical and Subcortical Interactions, Research Scientist Development Award, under the direction of the Department of Psychology, for the period September 1, 1972 through August 31, 1973. (Grant No. 2 K02 MH12747-06)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period September 16, 1972 through October 13, 1972.

1. Federal Research Contracts

- a. Department of the Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #27 - College of Administrative Science, Continuing Education).
Gross Value - \$9,000.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma Pneumoniae Vaccines (to be known as Project No. 2356 - Mod. #10 - Department of Medical Microbiology).
Gross Value - \$12,000.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #8 - Department of Surgery).
Gross Value - \$15,000.00.
- d. Department of the Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - Mod. #P00007 - Department of Electrical Engineering).
Gross Value - \$70.00.
- e. Department of Navy, Office of Naval Research, Arlington, Virginia, Defense Cost and Price Analysis Course (to be known as Project No. 3528-A1 - New - College of Administrative Science, Continuing Education).
Gross Value - \$81,594.00.
- f. Department of the Navy, Office of Naval Research, Arlington, Virginia, Defense Contract Laws Course (to be known as Project No. 3548-A1 - New - College of Administrative Science, Continuing Education).
Gross Value - \$60,000.00.

TOTAL - Federal Research Contracts \$177,664.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

2. Industrial and Other Research Contracts

- a. Research for Better Schools, Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction II (to be known as Project No. 3372-F1 - New - Academic Faculty of Educational Development).
Gross Value - \$7,500.00.
- b. Research for Better Schools, Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction II (to be known as Project No. 3372-G1 - New - Academic Faculty of Educational Development).
Gross Value - \$7,500.00.
- c. American Enterprise Institute, Washington, D. C., Impact of Media Project (to be known as Project No. 3540-A1 - New - Department of Political Science).
Gross Value - \$141,900.00.
- d. American Electric Power Service Corporation, New York, New York, A Long-Term Field Study of the Effects of Sulfur Dioxide Pollution on Selected Lichens of Southeastern Ohio and Adjacent West Virginia (to be known as Project No. 3543-A1 - New - Department of Botany).
Gross Value - \$19,980.00.
- e. Illinois Institute of Technology Research Institute, Chicago, Illinois, Use Evaluation of Chemical Abstracts Integrated Subject Files (to be known as Project No. 3568-A1 - New - Department of Computer and Information Science).
Gross Value - \$15,843.00.
- f. Hanna Coal Company, Cadiz, Ohio, Investigation of the Etiology and Pathogenesis of Atypical Interstitial Pneumonia in Cattle Grazing Vetch Pasture (to be known as Project No. 3572-A1 - New - Department of Veterinary Clinical Sciences).
Gross Value - \$35,000.00

TOTAL - Industrial and Other Research Contracts \$227,723.00

3. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as Project No. 1640-J - Ext. #9 - Department of Chemistry).
Gross Value - \$55,524.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- b. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Conditioning Stimulus Selection and Verbal Paradigms (to be known as Project No. 1779-H - Ext. #8 - Department of Psychology).
Gross Value - \$50,571.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Mesencephalic Receptive Fields (to be known as Project No. 1881-H - Ext. #8 - College of Optometry).
Gross Value - \$22,650.00.
- d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #8 - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-D - Sup. #1 - Department of Medicine).
Gross Value - \$7,000.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as Project No. 2525-E - Ext. #5 - Department of Pathology).
Gross Value - \$68,208.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Study of High Performance Antenna Systems for Space Communication (to be known as Project No. 2902 - Sup. #4 - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology (to be known as Project No. 2962-C - Ext. #3 - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$47,553.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- i. National Science Foundation, Washington, D. C., Mathematical Crystallography of 4-Dimensional Space (to be known as Project No. 3057-A1 - Amend. #1 - Department of Mathematics).
Gross Value - \$7,700.00.
- j. National Science Foundation, Washington, D. C., Preparation and Characterization of Catenated Metal Compounds (to be known as Project No. 3130-A1 - Amend. #1 - Department of Chemistry).
Gross Value - \$18,800.00.
- k. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Mechanisms of Voluntary Action and Voluntary Attention (to be known as Project No. 3333-A2 - Ext. #1 - Department of Psychology).
Gross Value - \$25,068.00.
- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Iodoacetate--Immunotherapy of Lymphoid Leukemia (to be known as Project No. 3538-A1 - New - Department of Microbiology).
Gross Value - \$44,839.00.
- m. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Amphetamine Tolerance: Central and Peripheral Studies (to be known as Project No. 3541-A1 - New - College of Pharmacy).
Gross Value - \$15,764.00.
- n. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Aberrant Gene Expression During Chemotherapy (to be known as Project No. 3546-A1 - New - Department of Physiological Chemistry).
Gross Value - \$36,808.00.
- o. Department of Health, Education, and Welfare, Office of Child Development, Office of the Secretary, Washington, D. C., Scientific Evaluation and Planning (to be known as Project No. 3569-A1 - New - Mershon Center for Education in National Security).
Gross Value - \$25,000.00.

November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- p. National Science Foundation, Washington, D. C., Stresses, Deformations and Pore Pressure in Nonhomogeneous Anisotropic Saturated Soils under Arbitrary Loading (to be known as Project No. 3570-A1 - New - Department of Civil Engineering).
Gross Value - \$57,200.00.

TOTAL - Federal Research Grants \$562,685.00

4. State Research Grant

- a. Ohio Department of Mental Hygiene and Correction, Division of Administration on Aging, Columbus, Ohio, Homebound Dental Care (to be known as Project No. 3542-A1 - New - College of Dentistry).
Gross Value - \$61,746.00.

5. Industrial and Other Research Grants

- a. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Project No. 2338-F - Spr. ltr. dtd. 10/2/72 - Department of English).
Gross Value - \$17,096.00.
- b. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Radiation Therapy Dosimetry and Planning (to be known as Project No. 3539-A1 - New - Department of Radiology).
Gross Value - \$6,000.00.
- c. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mathematical Prediction of Contractility in the Diseased Dog (to be known as Project No. 3545-A1 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$3,465.00.
- d. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Arterial Blood Flow in Horses (to be known as Project No. 3547-A1 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$6,962.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- e. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Mechanism of Inhibition of Glycoside Toxicity and Increased Inotropy on Mammalian Hearts by Potassium Sparing Agents (to be known as Project No. 3549-A1 - New - Department of Pharmacology). Gross Value - \$7,245.00.
- f. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Left Ventricular Function in Congestive Heart Failure (to be known as Project No. 3550-A1 - New - Department of Medicine). Gross Value - \$7,500.00.
- g. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Cardiac Function in Patients with Chronic Lung Disease (to be known as Project No. 3551-A1 - New - Department of Medicine). Gross Value - \$7,500.00.
- h. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Electrophysiological Studies of Supraventricular Tachycardia in Man (to be known as Project No. 3552-A1 - New - Department of Medicine). Gross Value - \$7,500.00.
- i. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Aortic Stenosis on Myocardial DNA and RNA Synthesis in the Neonatal Animals (to be known as Project No. 3553-A1 - New - Department of Pathology). Gross Value - \$7,508.00.
- j. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Hemodynamic and Histopathologic Aspects of the Autologous Vein Graft (to be known as Project No. 3554-A1 - New - Department of Surgery). Gross Value - \$7,035.00.
- k. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Creation and Hemodynamics of Systemic Pulmonary Shunts (to be known as Project No. 3555-A1 - New - Department of Surgery). Gross Value - \$7,497.00.
- l. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Correlation of Stroke Output with Ejection Time in Intact Anesthetized Dogs (to be known as Project No. 3556-A1 - New - Department of Physiology). Gross Value - \$6,741.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- m. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Inotropic Stimulation on the Resting Viscoelastic Properties of the Myocardium (to be known as Project No. 3557-A1 - New - Department of Physiology).
Gross Value - \$7,013.00.
- n. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Diastolic Left Ventricular Distensibility Studied in Intact Dogs (to be known as Project No. 3558-A1 - New - Department of Physiology).
Gross Value - \$7,308.00.
- o. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Biochemical Events Underlying Irreversible Injury to Ischemia Myocardium (to be known as Project No. 3559-A1 - New - Department of Physiological Chemistry).
Gross Value - \$6,563.00.
- p. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Response of Coronary Blood Flow to Alteration of Blood Gas PCO_2 (to be known as Project No. 3560-A1 - New - Department of Physiology).
Gross Value - \$6,825.00.
- q. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Immunohistochemistry of Creatine Phosphokinase (to be known as Project No. 3561-A1 - New - Department of Pathology).
Gross Value - \$7,500.00.
- r. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Studies of Physiology of Renin and Aldosterone (to be known as Project No. 3562-A1 - New - Department of Medicine).
Gross Value - \$7,500.00.
- s. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effects of Catecholamines and Fatty Acids on the Anoxic Heart (to be known as Project No. 3563-A1 - New - Department of Medicine).
Gross Value - \$7,455.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- t. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Intestinal Absorption of Digitalis Glycosides (to be known as Project No. 3564-A1 - New - Department of Medicine).
Gross Value - \$7,464.00.
- u. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Prevention of Capillary No-Flow Phenomenon - Brain Ischemia (to be known as Project No. 3565-A1 - New - Department of Medicine).
Gross Value - \$6,678.00.
- v. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Effect of Alterations in the Renal Circulation Sodium Balance (to be known as Project No. 3566-A1 - New - Department of Medicine).
Gross Value - \$7,500.00.
- w. American Heart Association, Central Ohio Heart Chapter, Columbus, Ohio, Characterization of Heart Muscle Antigens (to be known as Project No. 3567-A1 - New - Department of Medical Microbiology).
Gross Value - \$3,746.00.
- x. Junior League of Columbus, Columbus, Ohio, Teenage Flight or More Alternatives (to be known as Project No. 3571-A1 - New - School of Social Work).
Gross Value - \$5,950.00.

TOTAL - Industrial and Other Research Grants \$173,551.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period September 16, 1972 through October 13, 1972.

1. Government Research Contracts

- | | |
|----------|--|
| EES 356X | A Laboratory and Field Durability Study of Asphaltic |
| Ext. #3 | Mixtures, Ohio Department of Highways, Columbus, Ohio. |
| | Gross Value - \$47,146.00. |
| EES 406X | Field Study of Subgrade Compaction, Ohio Department of |
| Ext. #1 | Highways, Columbus, Ohio. |
| | Gross Value - \$41,400.00. |

November 3, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

C. Engineering Experiment Station (continued)

1. Government Research Contracts (continued)

EES 428X Improving Driver Performance on Curves in Rural Highways Through Perceptual Changes, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$46,380.00.

EES 429X Develop a Land Use Data System and Recommend Resource Evaluation Functions, Ohio Department of Natural Resources, Columbus, Ohio.
Gross Value - \$13,974.00.

EES 430X Streamflow Simulation and Flood Profile Determination in Ohio, Ohio Department of Natural Resources, Columbus, Ohio.
Gross Value - \$26,690.00.

TOTAL - Government Research Contracts \$175,590.00

2. Industrial Research Contract

EES 405C Examination of Effluents Emanating from the Corona Discharges of High Voltage Transmission Lines, American Electric Power Service Corporation, New York, New York.
Gross Value - \$3,000.00.

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through September 30, 1972

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	9,047		\$ 196,617.57
Major Resources Group:			
Major Individual Gifts	155	\$486,490.53	
Corporate Gifts	141	345,423.99	
Foundation and Non-profit Organization Gifts	<u>106</u>	<u>457,911.81</u>	
Total			<u>\$1,289,826.33</u>
Grand Total	9,449		\$1,486,443.90

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More

- a. \$42,425.00 from Louise Orr Scott Foundation, Columbus, Ohio--
\$31,819.00 for scholarships in the College of Medicine and
\$10,606.00 for scholarships in the College of Pharmacy.
- b. \$23,188.58 from the Associates of Medicine, Columbus, Ohio,
for the Department of Medicine.
- c. \$20,000.00 from ALCOA Foundation, Pittsburgh, Pennsylvania,
for its professorship in Chemical Engineering.
- d. \$12,808.00 from The Ohio Electric Utility Institute, Columbus,
Ohio, for its fellowship fund in the Department of Electrical
Engineering.
- e. \$10,650.00 from the Trust under the Will of Anna Roessler, Columbus,
Ohio, for scholarships in the College of Medicine.
- f. \$10,000.00 from Gerlach Foundation, Inc., Columbus, Ohio, for
the University Activities Center.
- g. \$10,000.00 from NACAA-71, Ohio Cooperative Extension Agents
Association, Norwalk, Ohio, for the Ohio 4-H Foundation Fund.
- h. \$9,052.00 from The Charles F. High Foundation, Bucyrus, Ohio,
for scholarships.
- i. \$8,128.00 from OSU Citizens Advisory Committee, Newark, Ohio,
for the Newark Campus scholarship fund.
- j. \$8,000.00 from The Merck Company Foundation, Rahway, New
Jersey, for developing young faculty members in the Department of
Dairy Science.
- k. \$7,500.00 from Suburban Motor Freight, Inc., Columbus, Ohio,
for the James R. Riley Professorship of Transportation and Business
Logistics.
- l. \$6,685.00 from The Grace High Washburn Trust, Bucyrus, Ohio,
for scholarships.
- m. \$6,666.70 from State Auto Mutual Insurance Company, Columbus,
Ohio, for the University Activities Center.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- n. \$6,000.00 from the Rockefeller Foundation, New York, New York, as an unrestricted gift to the University.
- o. \$5,000.00 from Ford Motor Company, Dearborn, Michigan, for support of the graduate research program in city planning.
- p. \$5,000.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for its fund in Ceramic Engineering.
- q. \$5,000.00 from General Motors Corporation, Warren, Michigan, for research in Metallurgical Engineering.
- r. \$5,000.00 from The Southgate Development Corporation, Newark, Ohio, for scholarships for the Newark Campus.

3. Establishment of Named Fund

- a. \$7,000.00 for the establishment of The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund.

The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund

The Donald Casey Hambleton - Ohio Association of Real Estate Boards Scholarship Fund was established November 3, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Donald Casey Hambleton through the Ohio Association of Real Estate Boards.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as the occasion dictates.

The annual income from this fund is to be used for a scholarship or scholarships to students enrolled in real estate studies within the College of Administrative Science, said students to be selected by the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the University Scholarship Committee cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the student financial aids program.

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IV. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of material, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Arps Hall, Chemical Engineering, Denney Hall,
Hamilton Hall-Interior Maintenance 1972

There has been no major interior maintenance on these buildings in the last eight years. This project will accomplish the necessary repairs to the aged and deteriorated plaster where needed, paint the walls and hang wall coverings, and washing of walls.

Funds for this project will be provided from Budget Account 125064 (Contract Repair).

B. Southeast Ohio Area Extension Center

The Southeast Ohio Area Extension Center will be located in Noble County and will provide agricultural extension services for the area.

Funds for this project will be provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center).

Upon motion of Mr. Safford, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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V. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contracts were recommended for award subject to further negotiations with the Contractors in the best interest of the University and the State of Ohio:

A. University Hall Complex

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 11-1-72)		
Central Ohio Construction, Inc.		
(Columbus)		
Base bid	\$2,877,269.00	\$2,891,759.00
Alt. G-1 Auditorium Building	+ 489,734.00	+ 438,832.00
Total Contract	<u>\$3,367,003.00</u>	<u>\$3,330,591.00</u>

November 3, 1972 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hall Complex (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(8 bids received 11-1-72)		
Limbach Company* (Columbus)		
Base bid	\$ 143,600.00	\$ 161,990.00
Alt. P-1 Auditorium Building	+ 35,475.00	+ 35,000.00
Total Contract	<u>\$ 179,075.00</u>	<u>\$ 196,990.00</u>
<u>Heating, Ventilating, and</u>		
<u>Air Conditioning Contract</u>		
(9 bids received 11-1-72)		
Limbach Company (Columbus)		
Base bid	\$ 731,150.00	\$ 782,900.00
Alt. H-1 Auditorium Building	+ 125,800.00	+ 122,400.00
Total Contract	<u>\$ 856,950.00</u>	<u>\$ 905,300.00</u>
<u>Electrical Contract</u>		
(7 bids received 11-1-72)		
States Electric Company		
(Columbus)		
Base bid	\$ 520,470.00	\$ 439,629.00
Alt. E-1 Auditorium Building	+ 122,600.00	+ 97,000.00
Total Contract	<u>\$ 643,070.00**</u>	<u>\$ 536,629.00</u>
<u>Total All Contracts</u>	<u>\$5,046,098.00***</u>	<u>\$4,969,510.00</u>

*The low bidder for the Plumbing Contract is presently documenting for the Director of Public Works an arithmetical error in the preparation of his bid. This resulted in a bid thirty per cent below the estimate and \$30,000 below the second low bidder. In anticipation of the Department of Public Works action to allow the withdrawal of the incorrect bid, the second low bidder is included as the successful bidder in this recommendation.

**All Electrical Contract bids were over the Estimate of Cost but because of adequate competition as indicated by the number of bids, it is believed that better bids could not be obtained by readvertising. Since the bid is within the available funds, the award is recommended subject to the approval of the State Controlling Board.

***The total of all bids is within the project funds, \$5,980,543.00.

November 3, 1972 meeting, Board of Trustees

V. REPORT OF AWARD OF CONTRACTS (continued)

A. University Hall Complex (continued)

Funds for this project have been provided from HB 531, Item 315-078, HB 988, Item 315-078.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the above recommendation regarding further negotiations and subsequent award of contracts within the available funds was approved and the action of the Acting Vice President for Administrative Operations ratified by unanimous roll call vote.

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VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 8 Approves the purchase of Lot No. 6 of the John A. Evan's College View Addition, more commonly known as 115-117 West Eleventh Avenue, Columbus, Franklin County, Ohio, at a purchase price of \$31,000. This purchase is from General University Funds.
- 9 Approves the purchase of Lot No. 23 of the John A. Evan's College View Addition, more commonly known as 118 West Tenth Avenue, Columbus, Franklin County, Ohio, at a purchase price of \$20,000. This purchase is from General University Funds.
- 10 Approves the purchase of Lot No. 25 of the John A. Evan's College View Addition, more commonly known as 128 West Tenth Avenue, Columbus, Franklin County, Ohio, at a purchase price of \$19,000. This purchase is from General University Funds.

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VII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Mildred E. Newton, Professor Emeritus and former Director of the School of Nursing; Eunice Ryan, Associate Professor Emeritus in the School of Home Economics; and Ellsworth E. Reese, Assistant Professor Emeritus in the College of Optometry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Mildred E. Newton

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 26, 1972, of Mildred E. Newton, Professor Emeritus and former Director of the School of Nursing.

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Mildred E. Newton (continued)

Dr. Newton brought to nursing a respect for nursing as a field of study and practice and a belief in the dignity of man that helped to bring esteem to the nursing profession.

A native of Iowa, Dr. Newton earned a certificate of graduate nurse from Evanston Hospital School of Nursing together with a Bachelor of Science from Northwestern University. She received a Master of Arts in Education from the University of Southern California and the Doctor of Education from Stanford University.

During her career she held teaching and administrative posts in three institutions. At Pasadena Hospital and Junior College from 1925-1934 she held positions of Supervisor, Instructor and Director of its School of Nursing; at the University of California from 1934-1951 she held positions as Supervisor and Instructor, and during the last seven of those years served as Assistant Professor and Assistant Dean of its School of Nursing. In 1951 she came to The Ohio State University as Professor and Director of the School of Nursing, a position which she held until her retirement in July, 1968.

A believer in professional association activities, Dr. Newton was generous in her time and talent to the programs and activities of many groups and in particular to the National League for Nursing from the time of its organization in 1951 until her retirement. She was a member of its first collegiate Board of Review for Accreditation and later served on many of the League's other committees and on its Board of Directors. She held chairmanships of the League's Committee on Maternal and Child Nursing; its Council of Member Agencies Department of Baccalaureate and Higher Degree Programs; its interim Committee on Accreditation Policies and Procedures; and the Committee to Revise the Fee Structure.

Dr. Newton was a member of the American Council on Education, serving on its Committee on Civil Defense and Higher Education. She was Nursing Consultant to the Education and Training Division of the U. S. Department of the Army, Office of the Surgeon General, and was a member of the Defense Advisory Committee on Women in the Services to the U. S. Department of Defense.

For five years Dr. Newton served on the Nursing Advisory Committee to the W. K. Kellogg Foundation and from 1962-1967 was chairman of the Nurse Scientist Training Grant Committee in the Division of Nursing, U. S. Public Health Service.

Dr. Newton was elected to Sigma Theta Tau and Alpha Tau Delta, honor societies in nursing, and to Pi Lambda Theta, education honorary, from which she received the Central Ohio Alumnae Chapter's Annual Citation for contribution to teaching. She was selected by students to be the faculty member awarded membership in Alpha Lambda Delta, a freshman honorary, and in Mortar Board, a senior women's honorary.

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Mildred E. Newton (continued)

She was a member of Altrusa International and of the National League of American Pen Women.

Dr. Newton was widely sought as speaker and was a regular contributor to the professional journals.

A student of history and philosophy, Dr. Newton was particularly interested in the life of Florence Nightingale as the founder of modern nursing and in the lives of the early leaders in nursing in this country. She inspired many students with her accounts of the rich heritage which has come to nursing through the contribution of these early leaders. In recognition of her interest in history, she was the recipient of a beginning collection of nursing stamps. Following this she became a student of stamps in medicine and nursing and added many stamps to the collection. After her retirement from teaching she organized the collection into four volumes. These depict the history of the International Red Cross, the history of medicine and nursing, world attempts to eliminate crippling diseases, and recognition given to individuals who made outstanding contributions to health. Shortly before her death she donated this collection to the Health Center Library at The Ohio State University.

In recognition of her contribution to nursing and to The Ohio State University, nursing alumni contributed monies for her portrait in oil to be done for presentation on the occasion of the 50th Anniversary of the School in 1964. In 1966 a fund was begun by contributions from graduates, faculty and students for the purpose of establishing a chair in her name at The Ohio State University. Until the fund is large enough to support a chair, interest accruing from it is being utilized for scholarships.

In 1969, she was awarded the National League for Nursing's Adelaide Nutting Award and in 1970 The Ohio State University bestowed on her one of its Centennial Achievement Awards.

Though Miss Newton's contributions to education and teaching, to nursing organizations, and to research and writing have been noteworthy, her contributions to the development of individuals--faculty, students, and associates--have been even greater. Her sincere belief that every person has worth permeated her every contact with people. Through her beliefs and actions she enabled faculty and students to achieve their individual potential, transcending even their own expectations.

On behalf of the University, the Board of Trustees expresses its deep sympathy and understanding to the family. It was directed that a copy of this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be forwarded to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. Eunice Ryan

The Board of Trustees expresses its sorrow at the death on October 6, 1972, of Eunice Ryan, Associate Professor Emeritus in the School of Home Economics.

Miss Eunice Ryan was born in 1890 in Madison, Wisconsin. She received her Bachelor of Science degree from the University of Wisconsin in 1914 and her Master of Arts degree from Columbia University in 1921. After teaching textiles and clothing in high schools and colleges in North Dakota, Minnesota, and Texas, she joined the faculty of the School of Home Economics as an Instructor in textiles and clothing in 1924. She rose to the rank of Associate Professor and retired in 1959 as Associate Professor Emeritus. Miss Ryan was a highly competent classroom teacher. She was a specialist in the clothing field particularly its design, construction, and economic aspects.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Miss Ryan as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Ellsworth E. Reese

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 17, 1972, of Ellsworth Edwin Reese, Assistant Professor Emeritus in the College of Optometry.

Dr. Reese was born in Westerville, Ohio, in 1905. He attended the Westerville public schools. From 1923 to 1925 he attended Otterbein College. In 1925 he entered The Ohio State University, where in 1929 he received the Bachelor of Science degree with a major in Optometry. He then entered the private practice of optometry in Westerville.

In 1937, when the graduate program in physiological optics was established at The Ohio State University, he was one of the first three students to receive the Master of Science degree, which he was awarded in 1939. His research dealing with accommodative responses under monocular and binocular seeing conditions has served as a basis for improved optometric prescribing, and the results of these studies have been extensively cited.

Dr. Reese was a past president of the Westerville Lions Club and was a Fellow of the American Academy of Optometry. In 1949 Dr. Reese joined the part-time clinical faculty of the School of Optometry with the rank of Instructor, and he was promoted to Assistant Professor in 1951. He served in this capacity until 1970, when he retired. Dr. Reese was a member of the American Optometric Association, the Ohio Optometric Association, and the Central Ohio Optometric Society.

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Ellsworth E. Reese (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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IX. REPORTS

A. Expenses for Designated Administrative Officials

Mr. Safford moved that the Finance and Investment Committee be authorized to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interests of the University.

Mr. Shocknessy seconded the motion which was approved by unanimous roll call vote.

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 2, 1972, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1972, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

C. Distribution of Annual Financial Reports 1971-1972

Executive Director Leggett distributed and commented briefly on the Financial Report of The Ohio State University and the Financial Report of Endowment Funds. These reports were prepared for the fiscal year ended June 30, 1972. A copy of each report was filed with the official records of the Board of Trustees.

D. President Enarson's Report on the University's Biennial Budget Request

President Harold L. Enarson in his monthly report to the Board discussed the University's biennial budget request which has been filed with the Ohio Board of Regents.

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November 3, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, December 1, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John H. Dunlap
Vice Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 1, 1972

The Board of Trustees met at its regular monthly meeting on Friday, December 1, 1972, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John H. Dunlap, Vice Chairman, James W. Shocknessy, Don M. Hilliker, M. Merle Harrod, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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December 1, 1972 meeting, Board of Trustees

Mr. John H. Dunlap, Vice Chairman, presided at this meeting in the absence of the Chairman, Mr. Eckley.

REPORT BY ACTING CHAIRMAN

Mr. Dunlap, Acting Chairman of the Board of Trustees, and on behalf of the Board, congratulated the administration and students for the orderly nature of the celebration following the Michigan football game. Mr. Shocknessy added the Board's commendation to Coach Hayes, his staff, and the team for bringing the football championship to the University and the bid to the Rose Bowl.

Mr. Dunlap thanked Mr. Michael White on behalf of the Board for the invitation to participate in a "Trustee Day" and indicated that the members of the Board were pleased to accept this invitation. The Board requested that the Administration work with Mr. White on details of the agenda and time.

President Enarson also thanked Michael White for proposing the "Trustee Day" and the Board for accepting the invitation. He said he was confident that the Board members who spent the day on the campus would find it an enjoyable experience.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Department of Black Studies

The University Senate on November 21, 1972, approved the recommendation from the Council on Academic Affairs that a Department of Black Studies be established.

The present Division of Black Studies meets the existing requirements for departmental status including the minimum number of well-qualified faculty members in the ranks of Assistant Professor, Associate Professor, and Professor. The Black Studies Division has a fully established curriculum of demonstrated academic quality and has shown a rapid and substantive growth with enrollments well above the suggested minimum of 1,000 credit hours per quarter.

President Enarson recommended that a Department of Black Studies be established, effective immediately.

December 1, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Doctor of Arts Program in Economics

The Board of Trustees at the September 10, 1970, meeting authorized the offering of the Doctor of Arts degree by this University. The Committee on Curriculum Affairs of the College of Social and Behavioral Sciences, the Graduate Council, the Council on Academic Affairs, and the University Senate at its meeting on November 21, 1972, recommend that a program in Economics leading to the Doctor of Arts degree be offered.

President Enarson recommended that the proposal of the University Senate be adopted, and pursuant to Section 3333.04 of the Revised Code of Ohio, with this approval the proposal be forwarded to the Board of Regents for approval.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendations by unanimous voice vote.

C. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 15, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix V, page 259.)

Upon motion of Mr. Shocknessy, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Naming of "Natural Area" on The Ohio State University Lima Campus

Upon the recommendation of the students, faculty, and administrators of The Ohio State University Lima Campus, and with the concurrence of the President's Cabinet, it was proposed that the tract of land which has been designated in the Master Plan for the Lima Campus as a "natural area" be officially named the "Tecumseh Natural Area" in recognition of the significant influence Chief Tecumseh of the Shawnee Indian Tribe had upon the history of the Lima community.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

December 1, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Lincoln Tower Dormitory Facility

President Enarson recommended that the following resolution be adopted:

WHEREAS, there is no foreseeable or anticipated need for Lincoln Tower as a residence hall facility based upon current and projected enrollment trends, the enrollment limitation established by the Ohio General Assembly, and the best judgment of this University's administration, and

WHEREAS, there has been and continues to be an urgent need for a facility which would provide the needed space and the physical consolidation for the College of Social and Behavioral Sciences, and

WHEREAS, Lincoln Tower would lend itself to this use with selective remodeling at a cost considerably less than that of a new structure for this purpose,

THEREFORE, BE IT RESOLVED that the President be directed to proceed to seek approval from the Board of Regents for the appropriation of the necessary funds from the General Assembly for the acquisition and necessary remodeling of Lincoln Tower to satisfy the space needs of the College of Social and Behavioral Sciences.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above resolution was adopted by unanimous roll call vote.

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II. PERSONNEL CHANGES

Personnel changes since the November 3, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Change in Responsibility, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Responsibility

Thomas E. Powers from Professor in the Department of Veterinary Physiology and Pharmacology to Professor in and Acting Chairman of the Department of Veterinary Physiology and Pharmacology, effective December 1, 1972, at a salary of \$25,248.00 per annum (12-month appointment).

B. Leaves of Absence Without Salary

Raphael D. Levine, Professor, Department of Chemistry, effective October 1, 1972 through March 31, 1973, to write a book in the field of chemical kinetics.

II. PERSONNEL CHANGES

B. Leaves of Absence Without Salary (continued)

Earl Finbar Murphy, Professor, College of Law, effective October 23, 1972 through September 30, 1973, to work for the Ohio Environmental Board of Review.

Mary Ellen Echelbarger, Instructor, School of Nursing, effective November 20, 1972 through March 25, 1973, for personal reasons.

Kenneth A. Harkness, Instructor, Department of Agricultural Engineering, effective November 1, 1972 through April 30, 1973, to work on Ph.D. dissertation and to engage in a professional development program in food engineering by working with a commercial firm.

Marjorie K. Mealy, Instructor (County Extension Agent, Home Economics) Trumbull County, Cooperative Extension Service, effective August 15, 1972 through June 30, 1973, to accept a graduate assistantship at the University of Kentucky.

C. Emeritus Titles

Doris E. Gilmore, School of Home Economics, with the title Professor Emeritus, effective November 1, 1972.

Vivian I. Johnston, Cooperative Extension Service, with the title Professor Emeritus, effective December 1, 1972.

Emil Malinovsky, Department of Poultry Science, with the title Professor Emeritus, effective December 1, 1972.

Helen D. Terrill, Cooperative Extension Service, with the title Professor Emeritus, effective October 1, 1972.

President Enarson recommended that the Change in Responsibility, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the November 3, 1972 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Finance and Treasurer	7	\$ 419,689.00
The Ohio State University Research Foundation	31	2,235,428.00
The Engineering Experiment Station	3	98,349.00
The Ohio State University Development Fund	12,714	2,029,157.76

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mrs. James, seconded by Dr. Sirak, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer

1. \$213,860.00 granted by The Ford Foundation, 320 East 43rd Street, New York, New York, to the University for development of a program to prepare principals and other administrators for schools in urban neighborhoods under the direction of the College of Education, for the period June 1, 1972 through August 31, 1973. (Grant No. 690-0635B)
2. \$100,000.00 additional grant by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Region V, Social and Rehabilitation Service - Rehabilitation Services Administration - Developmental Disabilities, Chicago, Illinois, to the University for University Affiliated Facilities - Administrative Support, under the direction of the Nisonger Center, for the period June 30, 1972 through June 29, 1973. (Grant No. 59-P-25294/5-01, Amendment No. 1).
3. \$50,000.00 granted by Trustees of Indiana University, Bryan Administration Building, Bloomington, Indiana, to the University to conduct an Education Professions Development Act Center/Satellite Project, under the direction of the Academic Faculty of Special Services, for the period ending June 30, 1973.
4. \$40,200.00 granted by the United States Government, Agency for International Development, Washington, D. C., to the University for International Programs in Agriculture, under the direction of the College of Agriculture and Home Economics, for the period October 1, 1972 through June 30, 1973. (Contract No. AID/nesa-147-14)
5. \$10,000.00 granted by the City of Columbus, Division of Workhouse, Columbus, Ohio, to the University for the development and presentation of a course in understanding human behavior for Columbus Workhouse personnel, under the direction of the Office of Educational Services, Division of Continuing Education.
6. \$4,629.00 granted by Ohio Rehabilitation Services Commission, New Careers Program, Columbus, Ohio, to the University for academic training in a New Careers Program for Rehabilitation Aide Trainees, under the direction of The Ohio State University - Lima Campus, for Autumn Quarter, 1972 and Winter Quarter, 1973.
7. \$1,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for the United States Loan Program for Cuban Students, under the direction of the Office for Student Financial Aids, for the Autumn Quarter. (Appropriation No. 7530573)

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period October 14, 1972 through November 10, 1972.

1. Federal Research Contracts

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as Project No. 1794-F - Mod. #7 - Department of Zoology).
Gross Value - \$19,000.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Plastic-Strain Controlled Failure Criteria and Design Parameters (to be known as Project No. 2840-A - Mod. #2-1 - Department of Metallurgical Engineering).
Gross Value - \$10,577.00.
- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Mod. #6 - Department of Veterinary Pathobiology).
Gross Value - \$55,209.00.
- d. Department of the Navy, Office of Naval Research, Arlington, Virginia, Voice Communication (to be known as Project No. 2928 - Mod. #4 - Department of Speech Communication).
Gross Value - \$29,076.00.
- e. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Radioprotective Agents - Stereochemical Studies (to be known as Project No. 3363-A1 - Mod. #P-302 - College of Pharmacy).
Gross Value - \$28,035.00.
- f. Department of the Army, Huntington District, Corps of Engineers, Huntington, West Virginia, Environmental Study of Paint Creek Lake, Ohio (to be known as Project No. 3504-A1 - New - Department of Zoology and Center Lake Erie Area Research, College of Biological Sciences).
Gross Value - \$46,746.00.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

- g. Agency for International Development, Washington, D. C., Agricultural Economics Research Advisory Project with EAPA/SU PI AN (to be known as Project No. 3578-A1 - New - Department of Agricultural Economics and Rural Sociology).
Gross Value - \$55,860.00.

TOTAL - Federal Research Contracts \$244,503.00

2. Industrial and Other Research Contracts

- a. The City of New York, Health Services Administration, New York, New York, Methods for Prolonging Action of Narcotic Antagonists (to be known as Project No. 3544-A1 - New - College of Pharmacy).
Gross Value - \$50,932.00.
- b. University of Alaska, Tundra Biome Center, College, Alaska, The Structure and Function of the Tundra Ecosystem (to be known as Project No. 3577-A1 - New - Institute of Polar Studies).
Gross Value - \$3,339.00.
- c. Medical Advances Institute, Columbus, Ohio, Computerized Medical Review System (to be known as Project No. 3585-A1 - New - Departments of Preventive Medicine and Pediatrics).
Gross Value - \$23,429.00.

TOTAL - Industrial and Other Research Contracts \$77,700.00

3. Federal Research Grants

- a. Environmental Protection Agency, Office of Air Programs, Washington, D. C., Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-I. - Ext. #11 - Department of Chemistry).
Gross Value - \$89,489.00.
- b. Environmental Protection Agency, Office of Air Programs, Washington, D. C., Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-I.-1 - Ext. #11 - Department of Electrical Engineering).
Gross Value - \$17,280.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- c. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as Project No. 1575-H - Sup. #1 - Department of Biochemistry).
Gross Value - \$4,498.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as Project No. 2927-C - Ext. #3 - School of Nursing).
Gross Value - \$87,618.00.
- e. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3-, 2-, 1-Bicyclic Mechanism (to be known as Project No. 2933 - Sponsor ltr. dtd. 10/19/72 - Department of Chemistry).
Gross Value - \$39,900.00.
- f. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - Amend. #3 - Department of Electrical Engineering).
Gross Value - \$23,200.00.
- g. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravity Data (to be known as Project No. 3210-A1 - Sup. #2 - Department of Geodetic Science).
Gross Value - \$15,000.00.
- h. National Science Foundation, Washington, D. C., Studies of Glaciers in the South Shetland Islands (to be known as Project No. 3231-A1 - Amend. #2 - Institute of Polar Studies).
Gross Value - \$6,000.00.
- i. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Stimulus Encoding in Human Learning and Retention (to be known as Project No. 3334-A2 - Ext. #1 - Department of Psychology).
Gross Value - \$18,288.00.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- j. National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria (to be known as Project No. 3397-A1 - Sponsor ltr. dtd. 10/10/72 - Department of Chemistry).
Gross Value - \$29,000.00.
- k. Department of Health, Education, and Welfare, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C., Service Organizations and Clients (to be known as Project No. 3441-A1 - Revised Award dtd. 9/27/72 - Merzhon Center for Education in National Security).
Gross Value - \$37,120.00.
- l. Department of Health, Education, and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, Ohio Regional Medical Program (to be known as Project No. 3533-A1 - New - The Ohio State University Research Foundation).
Gross Value - \$1,323,520.00.
- m. National Science Foundation, Washington, D. C., Elastic and Plastic Properties as Influenced by Interfaces (to be known as Project No. 3573-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$49,400.00.
- n. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Evaluation of a Pulsed Ultrasonic Doppler Flowmeter (to be known as Project No. 3574-A1 - New - Department of Engineering Mechanics).
Gross Value - \$9,842.00.
- o. Department of Interior, Office of Water Resources Research, Washington, D. C., Cost Effectiveness Analysis of Regional Flood Plain Management Activities (to be known as Project No. 3579-A1 - New - Department of Industrial and Systems Engineering and School of Architecture).
Gross Value - \$62,306.00.
- p. National Science Foundation, Washington, D. C., Coulometric Deoxidation of Liquid Metals (to be known as Project No. 3580-A1 - New - Department of Metallurgical Engineering).
Gross Value - \$80,500.00.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- q. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Linguistics (to be known as Project No. 3582-A1 - New - Department of Linguistics).
Gross Value - \$800.00.

TOTAL - Federal Research Grants \$1,893,761.00

4. Industrial and Other Research Grants

- a. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Chromium and Coronary Artery Disease (to be known as Project No. 3353-A2 - Ltr. dtd. 11/3/72 - Department of Pathology).
Gross Value - \$5,531.00.
- b. American Heart Association, East-Central Ohio Chapter, Inc., Canton, Ohio, Cerebral Ischemia During Cardiac Resuscitation (to be known as Project No. 3575-A1 - New - Department of Surgery).
Gross Value - \$3,843.00.
- c. American Heart Association, Eastern Ohio Chapter, Inc., Youngstown, Ohio, Cerebral Ischemia During Cardiac Resuscitation (to be known as Project No. 3575-B1 - New - Department of Surgery).
Gross Value - \$3,843.00.
- d. American Heart Association, East-Central Ohio Chapter, Inc., Canton, Ohio, Colloid Infusion - New Approach to Therapy of Pulmonary Edema in Man (to be known as Project No. 3583-A1 - New - Department of Medicine).
Gross Value - \$6,247.00.

TOTAL - Industrial and Other Research Grants \$19,464.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period October 14, 1972 through November 13, 1972.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

C. Engineering Experiment Station (continued)

1. Government Research Contract

EES 278X Investigations of Traffic Dynamics by Aerial Photogrammetry
Ext. #10 Techniques, Ohio Department of Highways, Columbus, Ohio.
Gross Value - \$83,257.00.

2. Industrial Research Contracts

EES 431 Study of Forces Generated by Flow in a Circular Steam
Separator, Pennsylvania Separator Company, Brookville,
Pennsylvania.
Gross Value - \$1,200.00.

EES 432 Response of Boom Structures, Marion Power & Shovel
Company, Inc., Marion, Ohio.
Gross Value - \$13,892.00.

TOTAL - Industrial Research Contracts \$15,092.00

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through October 31, 1972

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	12,193		\$ 257,716.64
Major Resources Group:			
Major Individual Gifts	191	\$798,534.36	
Corporate Gifts	190	457,517.49	
Foundation and Non- profit Organiza- tion Gifts	<u>140</u>	<u>515,389.27</u>	
Total			<u>1,771,441.12</u>
Grand Total	12,714		\$2,029,157.76

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More

- a. \$189,825.35 from the Estate of Hazel C. Youngberg, San Francisco, California, to be added to the Hazel C. Youngberg Memorial Fund.
- b. \$22,500.00 from Eastman Kodak Company, Rochester, New York--\$10,000.00 for the Department of Chemistry, \$7,500.00 as an unrestricted gift to the University, and \$5,000.00 for the Department of Chemical Engineering.
- c. \$21,211.76 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine.
- d. \$15,600.00 from Eli Lilly & Company, Indianapolis, Indiana, for research in the Department of Medical Microbiology.
- e. \$10,000.00 from the Estate of Russell E. Lightner, Circleville, Ohio, for the College of Medicine.
- f. \$10,000.00 from The Richland County Foundation, Mansfield, Ohio, for student athlete grant-in-aid.
- g. \$10,000.00 from Shell Companies Foundation, Houston, Texas--\$5,000.00 for its fellowship in Mechanical Engineering and \$5,000.00 for Chemical Engineering.
- h. \$9,600.00 from New England Board of Higher Education, Columbus, Ohio, to support research on Veterinary Medical Programs.
- i. \$6,500.00 from Abbott Laboratories, North Chicago, Illinois, for research in the College of Medicine.
- j. \$6,000.00 from Paperboard Packaging Council, Washington, D. C., to support a research project in the Department of Food Science and Nutrition.
- k. \$5,500.00 from American Oil Foundation, Chicago, Illinois, for its fellowship in Chemical Engineering.
- l. \$5,433.30 from the Grand Chapter of Ohio, Order of the Eastern Star, New Lexington, Ohio, for cancer research.
- m. \$5,000.00 from W. E. Chope Foundation, Coral Gables, Florida, for a Dean's discretionary fund in the College of Medicine.

December 1, 1972 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- n. \$5,000.00 from the Duriron Company, Inc., Dayton, Ohio, for its Professorship in Metallurgical Engineering.
- o. \$5,000.00 from Foundation for Endowment of a Chair at The Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in the College of Administrative Science.
- p. \$5,000.00 from The Harry C. Moores Foundation, Gahanna, Ohio, for its scholarship fund in Dairy Technology.
- q. \$5,000.00 from Lydia W. Pollack, Columbus, Ohio, to establish an endowed scholarship in the College of Law.

3. Establishment of Named Funds

- a. \$10,000.00 from friends of Professor L. E. Kunkle for the establishment of the L. E. Kunkle Student Development Fund.

L. E. Kunkle Student Development Fund

The L. E. Kunkle Student Development Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from many friends of Professor L. E. Kunkle, Student and Professor of Meat Science at The Ohio State University for 44 years, on the occasion of his retirement.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students who have demonstrated academic ability in Meat Science and need for financial assistance. The selection of the recipient is to be upon the recommendation of the Meat Science faculty. If additional income accrues, it may be used to further student development in the areas of academic excellence and industry relations.

Should the need for the designated student assistance cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the field of Animal Science.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

- b. \$6,937.50 from the Estate of Elizabeth F. De Golier Jones for the establishment of the De Golier Scholarship Fund.

De Golier Scholarship Fund

The De Golier Scholarship Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Elizabeth F. De Golier Jones, late of Cincinnati, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to a student or students who are enrolled in the College of Veterinary Medicine and who have met the requirements of the University Scholarship Committee.

Should the College of Veterinary Medicine cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for veterinary medicine.

- c. \$5,000.00 from Mrs. Margaret W. Kahliff for the establishment of The William T. Kahliff Scholarship Fund.

The William T. Kahliff Scholarship Fund

The William T. Kahliff Scholarship Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Margaret W. Kahliff, Elyria, Ohio, in memory of her husband, Mr. William T. Kahliff.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Funds (continued)

c. The William T. Kahliff Scholarship Fund (continued)

The annual income is to be used to provide one or more scholarships for students enrolled in the School of Natural Resources who have demonstrated academic ability and need for financial assistance. Preference in selection of the recipient(s) is to be given to students from the Cleveland area. The selection of the recipient(s) is to be made by the University Committee on Financial Aid upon the recommendation of the Scholarship Committee of the School of Natural Resources.

Should the need for the scholarships cease to exist or so diminish as to provide unused income, then the remainder of the fund may be used for any academic purpose whatsoever as determined by the Director of the School of Natural Resources.

- d. \$1,850.00 from friends of Rice A. Hershey for the establishment of the Rice A. Hershey Memorial Fund.

Rice A. Hershey Memorial Fund

The Rice A. Hershey Memorial Fund was established December 1, 1972, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from many friends of the late Rice A. Hershey, B. A. '26, J. D. '28.

The income is to be used for scholarships in the College of Law.

In case the need for such scholarships should cease to exist, or so diminish as to create unused income, then the income from this Fund may be used for any purpose in the College of Law as determined by the Dean or Chief Executive Officer of said College of Law.

E. Agreement Between The Ohio State University
and The Ohio Historical Society

On March 18, 1970, the Board of Trustees approved an Agreement between The Ohio State University and The Ohio Historical Society regarding the Zoological Collection housed in the basement of Sullivant Hall (formerly known as the Ohio Historical Museum).

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

E. Agreement Between The Ohio State University
and The Ohio Historical Society (continued)

The Ohio Historical Society now proposes to update and amend this Agreement, the principal amendment provides for the position of curator which was formerly shared by both organizations to be separated into two positions--one funded by the Historical Society and one by the University with reciprocal courtesy appointments.

It was recommended that the President of The Ohio State University be authorized to sign this amended Agreement with The Ohio Historical Society, and that the Agreement be incorporated into the official records of the Board of Trustees.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Parking Ramp - Medical Area

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3, 004, 393. 00	\$3, 003, 362. 54	(\$1, 030. 46)

Various revisions and deletions were made to this job due to conditions found during process of construction.

The credit on this contract has been reflected in Budget Account 801031 (Parking Ramp - Medical Area).

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Hopkins Hall and Hughes Hall--Exterior Masonry Repairs

This project will replace deteriorated mortar joints and related repairs which will prevent major repairs at a later date.

Funds for this project will be provided from Budget Account 125064 (Contract Repair).

B. Northwest Parking Ramp

This project will provide for a parking ramp to accommodate vehicles excluded from the Central Academic Area, thereby fulfilling the requirements of the Comprehensive Master Plan for a pedestrian campus.

Funds for this project will be provided from Parking Revenues.

C. Sisson Hall, Electrical Renovation and Air Conditioning

This project will provide air conditioning of the remaining areas of Sisson Hall to permit full utilization of teaching and research space on a year-round basis, and will improve the electrical system which is presently overloaded.

Funds for this project will be provided from SB 457 (Utilities and Renovations) and Budget Account 801291 (Sisson Hall, Electrical Renovation and Air Conditioning).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

VI. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING
TO THE OHIO STATE UNIVERSITY (continued)

- 11 Approves the award of an extra order without competitive bidding on the project "Journalism Building Expansion" in order to correct structural defects discovered during construction. The change order is in the amount of \$38,812.00 and funds are available in Item 315-064 (Journalism Building Expansion).
- 13 Approves the release of \$5,695,741.75 for the award of contracts on the project "University Hall Complex" notwithstanding the fact that the low bid on the electrical contract exceeds the estimate of cost. Funds for this project are available in Item 315-078 (University Hall Complex).
- 14 Approves the release of \$20,000.00 for IBM equipment, furniture, files, audio visual equipment and other miscellaneous items for the North Central Ohio Technical College. Funds for these purchases were transferred from the Mansfield Branch, The Ohio State University, Item 315-082 (in cooperation with the North Central Ohio Technical Institute) to the North Central Ohio Technical College, Item 380-001.
- 15 Approves the purchase of part of Lot 9, John A. Evan's College View Addition, more commonly known as 1627 Highland Street, Columbus, Franklin County, Ohio, at a purchase price of \$23,000.00.

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VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - Marysville Veterinary Clinic - Underground
Electric Line, The Dayton Power and Light Company

The Dayton Power and Light Company has requested a ten-foot easement across University lands at the rear of The Ohio State University Marysville Veterinary Clinic.

President Enarson recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for installation of the underground electric cable for the standard easement charge established by that office.

Upon motion of Mr. Hilliker, seconded by Mrs. James, the above recommendation was approved by unanimous roll call vote.

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Purchase of Building and Property - South Campus

President Enarson recommended that the President and/or the Acting Vice President for Administrative Operations be authorized to proceed with the purchase of the following described real estate located in the City of Columbus, Franklin County, Ohio:

Part of Lot No. 9, John A. Evan's College View Addition, Columbus, Franklin County, Ohio, and more commonly known as 1627 Highland Street, from Thomas L. and P. M. Bassett, at a purchase price of \$23,000.00.

This parcel will be purchased in accordance with appraisals obtained from MAI Appraisers. Funds are available in Budget Account 801262 for the purchase of the property.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

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VIII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Elvin F. Donaldson, Professor Emeritus, Academic Faculty of Finance in the College of Administrative Science; James G. Haub, Professor Emeritus in the Department of Zoology; Josephine H. MacLatchy, Associate Professor Emeritus in the College of Education; and LeRoy M. Tucker, Associate Professor Emeritus in the Department of Engineering Mechanics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Elvin F. Donaldson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 29, 1972, of Elvin F. Donaldson, Professor Emeritus, Academic Faculty of Finance in the College of Administrative Science.

Dr. Donaldson was born in Athens, Ohio, on April 21, 1903. He received his bachelor's, master's, and doctor's degrees in Business Organization from Ohio State and was a member of the faculty of the present College of Administrative Science from 1925 until his death.

Dr. Donaldson was a versatile individual. From 1923 to 1925, he served as student director of The Ohio State University band and from 1925 to 1929, he was assistant director of the band in charge of band formations. The marching band under Elvin Donaldson was the first band in the country to play

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Elvin F. Donaldson (continued)

while going into formations. Several other Donaldson creations are still used by the band including the ramp entrance, the floating formation, the quick-step march, and the Revolving O used as the band goes into "Script Ohio."

Dr. Donaldson was promoted to Associate Professor of Business Organization in 1941 and attained the rank of Professor in 1946. His teaching abilities in undergraduate, graduate, and continuing education finance courses were widely recognized by both students and faculty. He served as an Instructor at The Graduate School of Savings and Loans at Indiana University every summer from 1949 until 1963 and was in charge of the finance courses of The Ohio State Executive Development Program from its inception in 1955 until 1971.

Dr. Donaldson was the author of three widely used textbooks in finance and was contributing author to two other finance books. He was a member of the American Economics Association and the American Finance Association and from 1961 to 1963 served on the Board of Directors of the latter organization. Dr. Donaldson had an active interest in Delta Sigma Pi (professional business fraternity), Beta Gamma Sigma (honorary business fraternity), and Phi Alpha Kappa (honorary finance fraternity).

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. James G. Haub

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 21, 1972, of James G. Haub, Professor Emeritus in the Department of Zoology, College of Biological Sciences.

Dr. Haub was born in Racine, Wisconsin, on March 26, 1907. He received his B.S. degree in biology and education from Capital University in 1929, and both his M.S. and Ph.D. degrees from The Ohio State University in 1931 and 1937 respectively.

Dr. Haub began his association with The Ohio State University as a Graduate Teaching Associate in 1932 and was promoted to the rank of Professor in 1958. Prior to assuming his duties at Ohio State, Dr. Haub was a school administrator at Carroll High School and a Visiting Professor at St. Cloud College in Minnesota in 1940.

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. James G. Haub (continued)

His associates will remember Dr. Haub as a dedicated and humble teacher. While at Ohio State University, he co-authored a book with Dr. D. F. Miller in general zoology that was widely used across the continent. In his last twelve years in the Department of Zoology, he was responsible for teaching up to 700 students each quarter in beginning zoology. He pioneered in utilizing television for lectures to large classes even though he personally would have preferred lecturing to individual smaller groups.

Many diverse research interests attracted his curiosity and his publications included topics dealing with invertebrates, physiology, behavior, and other phases of vertebrate biology. He was a Fellow of the Ohio Academy of Science and a member of several other professional organizations. He retired from the University on October 1, 1972, after over 40 years of service in various teaching positions.

Dr. Haub was first a teacher and devoted his major efforts towards providing students with a thorough understanding of zoology. He did this in a quiet, unassuming way despite the great responsibility of consistently large class enrollments of hundreds. The University was indeed fortunate to have such a dedicated teacher, whose first concern was for the student, as a member of the faculty for such a long time. His colleagues will miss his dry wit, his literary talents, and his example of dedicated teaching, an example rarely equaled.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a small and humble expression of the Board's heartfelt sympathy in its bereavement.

C. Josephine H. MacLatchy

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 4, 1972, of Josephine H. MacLatchy, Associate Professor Emeritus in the College of Education.

Dr. MacLatchy was born in Hillsborough, New Brunswick. She received her A.B. and A.M. degrees from Acadia University and A.M. and Ph.D. degrees from the University of Chicago. For two years she attended Yale University as an Ives Fellow in Philosophy. After teaching at Western State Normal in Kalamazoo, Michigan, she came to The Ohio State University in 1922. In that same year she became managing editor of the Educational Research Bulletin which she helped to found, and remained in this position until her retirement in 1958. Dr. MacLatchy not only had heavy responsibilities in the founding and managing of the Educational Research Bulletin but she also occupied a similar role with The Journal of Higher Education which was launched in 1930.

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Josephine H. MacLatchy (continued)

Her basic research included two areas, first that of studying young children's knowledge of numbers, and second that of studying vocabulary of elementary school children. Her pioneering study on the familiarity of three-, four-, and five-year olds with measurement has been widely used. Key findings were included in the Twenty-Ninth Yearbook of the National Society for the Study of Education. A second major study related to the role of the Kindergarten and its effect on children in later grades.

Dr. MacLatchy made a major contribution to The Ohio State University and to the field of education through her editing and management of the Educational Research Bulletin and The Journal of Higher Education. Her editing and scholastic standards were exacting and brought high praise from the readers of these two magazines.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. LeRoy M. Tucker

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 3, 1972, of LeRoy Maddy Tucker, Associate Professor Emeritus in the Department of Engineering Mechanics.

Dr. Tucker was born in Carthage, Missouri, on July 21, 1890. After one year as a student at Ohio Wesleyan University, he attended Washburn College, Topeka, Kansas, from which he received a Bachelor of Arts degree in 1912. From the University of Illinois, he received the degree Bachelor of Science in Railway Civil Engineering in 1923; the Civil Engineering Professional degree in 1928; and the degree Master of Science in Theoretical and Applied Mechanics in 1931. He received a Doctor of Philosophy degree in Geology from The Ohio State University in 1954.

The teaching career of Dr. Tucker included service as Professor and Department Head of Mechanics and Materials at Clemson College from 1926 to 1929; Associate in Theoretical and Applied Mechanics at the University of Illinois from 1929 to 1932; and Assistant and Associate Professor of Engineering Mechanics at The Ohio State University from 1934 until his retirement in 1960.

Dr. Tucker had extensive professional experience. He served as surveyor, designer, and construction engineer for various railway companies for approximately ten years. For a two-year period, he was Urbana, Illinois,

December 1, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. LeRoy M. Tucker (continued)

City Engineer, and also worked as an aircraft structural designer. He had numerous part-time contacts as a consultant, and following his University retirement he worked for the Ohio Department of Highways and was a private consulting engineer geologist.

Dr. Tucker served as Captain, Corps of Engineers, U. S. Army A. E. F. for two years and was a Reservist for 17 years. He was a member and past commander of American Legion Post No. 443. He was a member of First Community Church, and its Chancel Choir and 20th Century Club. His professional and honorary society affiliations included Ohio Society of Professional Engineers, American Society for Engineering Education, Society of American Military Engineers, Geological Society of America, Phi Kappa Phi, Tau Beta Pi, Sigma Tau, Chi Epsilon, Sigma Xi, and Sigma Gamma Epsilon.

Dr. Tucker enjoyed working with students and maintained an active interest in their development through work in honor, professional, and social fraternity groups. He was especially good with slow students who appreciated his patience, thoroughness, and willingness to devote much time to individual work.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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IX. REPORT

A. Report on the University's Investment Portfolio

The report dated December 1, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, February 2, 1973, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

John H. Dunlap
Vice Chairman

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APPENDIX V

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 15, 1972

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The Recipients of Honors

HAL OSCAR ANGER

Doctor of Science

Biomedical researchist and inventor

In the field of nuclear medicine, much of the equipment used for diagnosis and treatment of related diseases is due to the electronic creativity of Hal Oscar Anger. Not only did he invent and construct the first clinically useful radioisotope camera, which is now in international use, but he was instrumental in developing an improved radioisotope scanning instrument which is gaining global popularity in medical circles.

A responsive interest in the welfare of his fellow man has sparked Hal O. Anger's creation of some of our nation's most far-reaching scientific contributions.

PAUL JACKSON KRAMER

Doctor of Science

Plant pathologist and author

Paul Jackson Kramer has established an international reputation as an effective scientific investigator, author, editor, and teacher in the botanical subdivision of plant physiology. Although well versed in all fields of plant science, he has made extensive research contributions in the field of plant water relations. The world acclaimed Phytotron Facility in North Carolina is due in great part to his personal enterprise.

Paul Kramer's experimentation and extensive bibliography of published works are evidence of his dedication to understanding the complexities of science.

ELBURT F. OSBORN

Doctor of Science

Earth scientist, research leader, and administrator

A nationally respected figure in the field of earth science, Elburt F. Osborn's active service to the scientific community has had widespread significance. In addition to his accomplishments as a leader in research, his current position as Director of the United States Bureau of Mines is witness to his expertise in the administrative realm. Both his research and his administrative interests demonstrate his continuing involvement with the earth and its natural resources.

Elburt Osborn's concerned participation in applying scientific knowledge to useful and productive ends marks him as an effective innovator in his field.

JESSE OWENS

Doctor of Athletic Arts

World-renowned athlete and humanitarian

Internationally known for his athletic achievements, Jesse Owens' formidable record in track and field competition has won him well deserved praise and recognition. His dramatic victories at the 1936 Olympic games alone would be enough to mark him as one of the most outstanding athletes of our time.

But apart from the arenas of athletic competition, Jesse Owens' humane convictions and spirit of selflessness have identified him as personifying the sportsmanship ideal.

Graduate School

Dean: Arliss L. Roaden

Doctor of Philosophy

One hundred and sixty-eight candidates

Choong-Yong Ahn, Taegu, Korea
B.Econ. (Kyung-Pook National University);
M.S. (University of Hawaii)
Dissertation: A Recursive Programming Model of
Regional Agricultural Development in Southern Brazil
(1960-1970): An Application of Farm Size Decomposition
Field of Specialization: Agricultural Economics and
Rural Sociology

Michael Dean Alexander, Columbus
B.S., M.A.
Dissertation: The Contribution of Structural Meaning in
Judgments About the Evaluative Disposition of a Speaker
Field of Specialization: Psychology

Robert Steven Ambler, Chantlon, Okla.
B.A., M.A. (University of Oklahoma)
Dissertation: The Relationship of Ego-Involvement to
Message Perception and Retention
Field of Specialization: Speech Communication

Dean Richard Baldwin, Yankton, S. D.
B.A. (Capital University); M.A.
Dissertation: *Sir Perceval of Galles: An Edition*
Field of Specialization: English

Charles Anthony Barans, Columbus
B.S.Agr.; M.A. (College of William and Mary)
Dissertation: Seasonal Temperature Selections of White
Bass, Yellow Perch, Emerald Shiners and Smallmouth
Bass from Western Lake Erie
Field of Specialization: Zoology

Hubert Harry Basehart, Newcomertown
B.A. (Kent State University); M.A.
Dissertation: Constituency and Legislative Voting
Behavior: An Exploratory Analysis of the Effects of
Issues, Competition, Roles, and the Legislator's Image
of his District
Field of Specialization: Political Science

Georgia Brown Baumbach, Columbus
B.A.
Dissertation: The Psychology of Flannery O'Connor's
Fictive World
Field of Specialization: English

John Henry Baumert, Chapel Hill, N. C.
B.S. (University of Michigan)
Dissertation: Near Infrared Photometry and Absolute
Magnitudes of Carbon Stars
Field of Specialization: Astronomy

Anar Singh Baweja, Ludhiana, India
B.Sc. (Ag.), M.Sc. (Ag.) (Panjab University);
M.S. (University of Guelph, Canada)
Dissertation: Effect of Permanent and pH-Dependent
Charges on Clay-Phase Retention and Excised Root
Uptake from Donnan-Type Systems of Vermiculite
and Kaolinite
Field of Specialization: Agronomy

Mary Sandvold Baxter, Worthington
A.B. (Oberlin College); A.M.T. (Radcliffe College)
Dissertation: James Boswell: The Imagination of a
Biographer
Field of Specialization: English

Grace Futerer Beery, Columbus
A.B. (College of Saint Mary of the Springs); M.S.
Dissertation: Isolation and Identification of
Immunologically Active Fractions of *Helminthosporium*
Maydis
Field of Specialization: Botany

James Grant Bender, Columbus
B.E. (Youngstown University); M.S.
Dissertation: Studies in Synchronous Longitudinal Control
Field of Specialization: Electrical Engineering

Hugh Elias Black, Fairfield
D.V.M. (Ontario Veterinary College); M.S.
Dissertation: Investigation on Calcium Metabolism in
Cattle Under Normal, Pathologic, and Experimental
Conditions
Field of Specialization: Veterinary Pathology

Marilyn Richard Boehm, Columbus
B.S.
Dissertation: The Mode of Action of Phenethylbiguanide
on Intestinal Glucose Transport
Field of Specialization: Physiological Chemistry

Gregory Orth Boeshaar, Springfield
B.S. (Wittenberg University)
Dissertation: Filamentary Structure in Planetary
Nebulae
Field of Specialization: Astronomy

John David Bossler, Johnstown, Pa.
B.S.C.E. (University of Pittsburgh); M.S.
Dissertation: Bayesian Inference in Geodesy
Field of Specialization: Geodetic Science

Gregory Lee Bowler, Morgantown, W. Va.
A.B., A.M. (Indiana University)
Dissertation: Broadcaster Responsibility as Defined in
the Editorials of *Broadcasting Magazine* and Compared
to Positions of Industry Spokesmen: An Historical-
Descriptive Study
Field of Specialization: Speech Communication

Mary Lynne Cox Bowman, Westerville
B.S.Ed., M.A.
Dissertation: The Development and Field Validation of
an Instrument to Assess College Students' Attitudes
Toward the Determinants of Environmental Issues
Field of Specialization: Education

Raymond Joseph Braitsch, Jr., Arlington, Va.
B.S. (Cornell University); M.S.
Dissertation: A Conditionally Optimal Student Sectioning
Algorithm
Field of Specialization: Industrial Engineering

Thomas John Brislin, Oak Harbor, Wash.
B.A. (College of Guam); M.A.
Dissertation: An Analysis of the "Literature of Change"
with Media Orientation Leading to New Perspectives on
Communication Study
Field of Specialization: Speech Communication

Larry Wayne Browder, Terre Haute, Ind.
B.S., M.S. (Indiana State University)
Dissertation: Achievement and Interest Levels of
1967-1968 Industrial Arts Curriculum Project Students
in 1972
Field of Specialization: Education

Bernard Joseph Brunner, Chester, Pa.
B.S. (Wheeling College); M.S.
Dissertation: Nuclear Spectroscopy of Some Low-Lying Levels in ^{58}Co
Field of Specialization: Physics

Donald Carl Bulthaupt, Westerville
B.S. (Indiana Central College); M.S. (Michigan State University)
Dissertation: Gamma Decay of Analog Resonances in ^{67}Ga , ^{67}Ga , and ^{67}Ga
Field of Specialization: Physics

Lester Gene Butler, Thomas, Okla.
B.S. Ed. (Central State College); M.A.
Dissertation: A Psycholinguistic Analysis of the Oral Reading Behavior of Selected Impulsive and Reflective Second Grade Boys
Field of Specialization: Education

Gary Bruce Byrd, Lubbock, Tex.
B.A., M.A. (Texas Technological College)
Dissertation: The Schwabisch Hall City Council 1500-1530: Municipal Politics on the Eve of the Reformation
Field of Specialization: History

Lowanne Jones Callander, Bowling Green
B.A. (Miami University); M.A.
Dissertation: The *Cort D'Amor* a Thirteenth Century Occitan Allegorical Art of Love
Field of Specialization: Romance Languages and Literatures

Ralph Marlin Carter, Sycamore, Ill.
B.A. (University of Colorado); M.A. (Middlebury College)
Dissertation: Vocabulary Selection and Supplemental Materials for Advanced Spanish Classes
Field of Specialization: Education

David Lee Chambers, Toronto, Ont., Canada
B.PHE. (University of Toronto); M.P.E. (University of British Columbia)
Dissertation: An Analysis of the Professional Preparation and Attitudes of Male Secondary School Coaches in Selected Sports in the Province of Ontario
Field of Specialization: Physical Education

James Vernon Chambers, Willoughby
B.S., M.S.
Dissertation: The Effect of Selected Factors on the Respiration and Performance of a Model Dairy Activated Sludge System
Field of Specialization: Dairy Technology

Robert Eoff Chambers, Delaware
B.S., M.S. (Pennsylvania State University)
Dissertation: DDT, Population Stress and the Adrenal Cortex in Male Rabbits
Field of Specialization: Zoology

Chin-Nan Rolland Chen, Tainan, Taiwan
B.Pharm. (Taipei Medical College); M.S. Pharmacy (University of Houston)
Dissertation: A Phytochemical Investigation of the Bark of *Dryophora Sassafras* Endlicher
Field of Specialization: Pharmacy

Chen-Shu Chiu, Taipei, Taiwan
B.S. (Cheng Kung University); M.S. (University of Tennessee)
Dissertation: Optimum Array Processing for Detecting Binary Signals Corrupted by Directional Interference
Field of Specialization: Electrical Engineering

William Howe Cianci, New Britain, Conn.
A.B. (Providence College); M.S. in Journ. (Northwestern University)
Dissertation: Carl McIntire: A Study of His Philosophy and Use of the Mass Media
Field of Specialization: Speech Communication

Summer Norman Clarren, Cincinnati
A.B. (Oberlin College); M.A.
Dissertation: The Effect of Changes in Strategy in a Complex Zero-Sum Game
Field of Specialization: Psychology

John Andrew Cooley, Dover
A.B. (Oberlin College); M.A.
Dissertation: The United States and the Panama Canal, 1938-1947: Policy Formulation and Implementation from Munich Through the Early Years of the Cold War
Field of Specialization: History

Kent William Creswell, Cedarville
B.A.; A.M. (Wheaton College)
Dissertation: An Historical Descriptive Analysis of the Broadcast Skills Bank—A Cooperative Industry Effort to Involve Minorities in Broadcasting
Field of Specialization: Speech Communication

Solomon Frederick Cushman, Little Compton, R. I.
B.A. (Amherst College); M.A. (Wesleyan University)
Dissertation: The Ohio Standard Baseline, 1970.9
Field of Specialization: Geodetic Science

Paul Anders Dahlquist, Bethlehem, Conn.
B.A. (Yale University); M.A.
Dissertation: Kohdo Mwenge: The Food Complex in a Changing Ponapean Society
Field of Specialization: Anthropology

Donald Paul D'Amato, Waukegan, Ill.
B.A. (Ohio Wesleyan University); M.S.
Dissertation: Search for Low-Lying Levels of the Giant Dipole Resonance in ^{40}Ca by the $^{36}\text{K}(p,\gamma)$ Reaction
Field of Specialization: Physics

Richard Jacob Daniels, Mariemont
B.A., M.A.
Dissertation: A Study of the Formal and Literary Unity of the N-Town Mystery Cycle
Field of Specialization: English

Walter Eugene DeKock, Cedar Rapids, Ia.
A.B. (Central College); M.A. in Ed. (Iowa State Teachers College)
Dissertation: An Analysis of Student Performance Using a Laboratory Oriented High School Physics Program
Field of Specialization: Education

William Michael Dickson, Pensacola, Fla.
B. of Pharm. (Washington State University)
Dissertation: An Investigation into the Activities of Community Pharmacists Practicing in a Specified Chain Pharmacy Work Environment
Field of Specialization: Pharmacy

- Omar Ismail El-Khatib, Amman, Jordan
B.A. (American University at Cairo); M.S. (Syracuse University)
Dissertation: A Functional Plan for Professional Training of Broadcasters in Developing Countries
Field of Specialization: Speech Communication
- Mary Elizabeth Elmendorf, Tampico, Ill.
B.S. Ed. (Northern Illinois State Teachers College); A.M. (University of Illinois); M.S. Ed. (University of Wisconsin)
Dissertation: Occupational Stereotypes and Holland's Theory
Field of Specialization: Psychology
- Walter Carl Ermler, Sycamore, Ill.
B.S. (Northern Illinois University); M.S.
Dissertation: Studies of Molecular Properties in the Hartree-Fock Approximation
Field of Specialization: Chemistry
- †Ellen Louise Frankenberg, Oxford
A.B. (College of Mount Saint Joseph on the Ohio); M. Ed. (Xavier University)
Dissertation: Self-Actualization and Environment: The Personal Orientation Inventory as a Measure of Personal Growth Among Undergraduates in a Living-Learning Community
Field of Specialization: Education
- Grover Thomas Frederick, Cleveland
B.S., M.S.
Dissertation: Immunological Responses to Glycerol-Teichoic Acids
Field of Specialization: Microbiology
- Robert Louis Gaffey, Pittsburgh, Pa.
B.A., M.E. (Duquesne University)
Dissertation: An Investigation of the Concurrent Validity of Holland's Theory
Field of Specialization: Psychology
- James Micheal Gardner, Columbus
B.A. (City College of New York); M.A. (Hunter College)
Dissertation: Training Nonprofessionals in Behavior Modification
Field of Specialization: Psychology
- William Robert Gemma, Clinton, Mass.
B.A. (University of Maryland); M.H.A. (University of Minnesota)
Dissertation: A Study of the Nature and Function of Emergency Medical Services Advisory Councils in Relation to Selected Community Variables
Field of Specialization: Preventive Medicine
- Mary Merullo Gnezda, Worthington
B.A. (Ohio Wesleyan University); M.A.
Dissertation: Significant Career Development Incidents in a Freshman Experiential Teacher Education Program
Field of Specialization: Education
- Daniel Goodman, Cincinnati
B.S.
Dissertation: The Paleoecology of the Tower Island Bird Colony: A Critical Examination of Complexity-Stability Theory
Field of Specialization: Zoology
- Kenneth Roger Gordon, Perrysburg
B.S. in Edu. (Capital University); M.S.
Dissertation: Phosphate-Induced Changes in Phytoplankton and Primary Productivity in a Pond near Delaware, Ohio
Field of Specialization: Botany
- Richard Allen Hahn, Columbus
B.S. Phar., M.S.
Dissertation: An Investigation into the Interaction of Pro-Staglandin F_{2a} with Cholinergic Mechanisms in Canine Salivary Glands
Field of Specialization: Pharmacy
- Jeanne McLain Harms, Waterloo, Ia.
B.A. (Northern Iowa State Teachers College); M.A., Ed.S. (University of Northern Iowa)
Dissertation: Children's Responses to Fantasy in Relation to Their Stages of Intellectual Development
Field of Specialization: Education
- Burton Bruce Hart, Greensburg, Pa.
B.Ed. (University of Buffalo); M.Ed. (State University of New York at Buffalo)
Dissertation: The Effectiveness of the Programmed Instruction Component in the Standard First Aid Course Multimedia System Adopted by the American National Red Cross
Field of Specialization: Physical Education
- George David Hay, Columbus
B.A.A.E., M.S.
Dissertation: The Effect of Longitudinal Wholebody Vibration on Wave Propagation in the Aorta
Field of Specialization: Aeronautical and Astronautical Engineering
- Stephen Raymond Heimann, Columbus
B.S., M.A.
Dissertation: The Methodology of Cluster Analysis: An Application to Receivables
Field of Specialization: Accounting
- Paul Thomas Hill, Riverton, Wyo.
B.A. (Seattle University); M.A.
Dissertation: A Theory of Political Coalitions in Simple and Policy Situations
Field of Specialization: Political Science
- James Raymond Hofstaedter, Philadelphia, Pa.
B.A. (Duquesne University)
Dissertation: The Structure of Ovid's *Amores*, Book I
Field of Specialization: Classics
- Alan Keith Hopkins, Columbus
B.S.; M.S. (Air Force Institute of Technology)
Dissertation: The Dynamic Compression and Release of Mechanical Mixtures in the Presence of a Phase Change
Field of Specialization: Metallurgical Engineering
- Shang-Wu Huang, Kaohsiung, Taiwan
B.S., M.S. (National Taiwan University)
Dissertation: Finite Element Analysis of Fracture Propagation in Two-Dimensional Elastic Brittle Solids
Field of Specialization: Civil Engineering

‡ Degree granted in cooperation with Miami University

- John Henry Hughes, Glencoe
B.S. Ed.; M.A. (Bowling Green State University)
Dissertation: Studies on the Acid Lability of Rhinoviruses
Field of Specialization: Medical Microbiology
- Christopher Ngozi Ifeadi, Columbus
B.S. (University of California, Davis); M.S. (University of Nebraska)
Dissertation: Quantitative Measurement and Sensory Evaluation of Dairy Waste Odor
Field of Specialization: Agricultural Engineering
- Ronald Rudloff Ingle, Marietta, Ga.
A.B. (Wofford College); M.S. (Florida State University)
Dissertation: The Use of the Semantic Differential as an Encoding Technique in Short-Term Memory by Normal and Educable Mentally Retarded Subjects
Field of Specialization: Psychology
- Sughosh Kumar Jain, Rajasthan, India
B.Sc. Agr. (Rajasthan University); M.Sc. Agr. (Agra University)
Dissertation: Effects of Antifertility Agents, Castration and Cryptorchidism on Reproductive Organs and Testosterone Levels in Adult Male Rats
Field of Specialization: Dairy Science
- Gordon Delancey Jeppson, Waverly, Ia.
B.S. (Concordia College, Moorhead, Minnesota); M.S. (South Dakota State University)
Dissertation: An Analysis of the Involvement of Head Football Coaches in the Physical Education Professional Preparation Program in Selected American Colleges and Universities
Field of Specialization: Physical Education
- Clair Agriesti Johnson, Albuquerque, N. M.
B.S. in Home Ec. (Ohio Dominican College); M.S.
Dissertation: The Development of a Practical Research Method for the Improvement of Selected Health Science Curriculums: A Pilot Study of Beginning Level Clinical Dietitians
Field of Specialization: Education
- Jagmohan Joshi, Columbus
B.Sc., M.Sc. (Panjab University, India)
Dissertation: Study of Seed Yield Efficiency, Hybrid Vigor, and Phenotypic Correlations in *Glycine Max* (L.) Merrill
Field of Specialization: Agronomy
- John Wesley Joyner, Columbus
B.S., M.S. (Tennessee Agricultural and Industrial State University)
Dissertation: The Relationship Between Scores on the Nelson-Denny Reading Test and Academic Performance of Afro-American College Freshmen
Field of Specialization: Education
- Abdul Gaffer Khan, Jabalpur, India
B.V.Sc., M.V.Sc. (University of Jabalpur)
Dissertation: Selection Response and the Performance of Crossbred Progeny from Normal and Dwarf Broiler Breeder Dams
Field of Specialization: Poultry Science
- Vijay Kumar Khosla, Dacca Danga, India
B.Sc. (University of Ranchi); M.E. (Roorkee University)
Dissertation: Behavior of Dry Ottawa Sand Under Cyclic Loadings
Field of Specialization: Civil Engineering
- Gian Prakash Khurana, Delhi, India
B.Sc. (University of Delhi); M.Sc. (Indian Agricultural Research Institute)
Dissertation: Physical, Chemical and Mineralogical Properties of Some Salt Affected Soils of Rajasthan, India
Field of Specialization: Agronomy
- Paul Esmond King, Sutton, England
B.A. (University of Bristol); M.A.
Dissertation: Social Indicators and Social Welfare: Columbus, Ohio, 1960
Field of Specialization: Geography
- Harold James Kinzer, Uniontown
A.B. (State University of South Dakota)
Dissertation: Effects of Cognitive Compatibility on Communicative Accuracy
Field of Specialization: Speech Communication
- Beverly Mae Labrecque, Windsor, Ont., Canada
B.S. (Northern Michigan University); M.A.
Dissertation: An Alternative to Traditional Athletic Competition with Special Reference to Figure Skating
Field of Specialization: Physical Education
- Ratan Lal Lakhotia, Bikaner, India
B.V.Sc. and A.H. (University of Rajasthan); M.S. (Panjab Agricultural University)
Dissertation: Studies on the Incidence and Virulence of Drug-Resistant and R Factor-Carrying Enterobacteria Isolated from Poultry
Field of Specialization: Poultry Science
- Dorothy Wise Laming, Yellow Springs
B.A. (Wittenberg University); M.A.
Dissertation: Ellis Rabin: A Man of Repertory
Field of Specialization: Theatre
- Deborah Ann Lange, Evanston, Ill.
B.A. (Valparaiso University)
Dissertation: A Critique of Ethical Reasoning in the Rationale and Teaching Materials of the Harvard Social Studies Project
Field of Specialization: Education
- Eloise Jeannette Law, Plattsburgh, N. Y.
B.S. (University of Maine); M.A.
Dissertation: Feasibility of Three Types of Simulation Experiences in Preparation for Student Teaching in Home Economics
Field of Specialization: Home Economics
- You-Hwa King Lee, Columbus
B.Ed. (Taiwan Normal University); M.S. (Indiana State College)
Dissertation: Asymptotic Properties of Convolution Products of Sequences
Field of Specialization: Mathematics
- Steven Smith Lemley, Westminster, Calif.
B.A. (Pepperdine College)
Dissertation: A Rhetorical Study of the Executive-Legislative Struggle for Influence in Foreign Policy: The Senate Foreign Relations Committee Hearings on America's Role in Southeast Asia 1964-1971
Field of Specialization: Speech Communication

John Timothy Leonard, Columbus
B.A. (Athenaeum of Ohio); STB, STL (Pontificia
Universitas Gregoriana, Italy)
Dissertation: Goals for the Education of White
Americans in the Context of Racism
Field of Specialization: Education

Phebe Helen Lewis, Houghton, N. Y.
B.A. (Houghton College); M.A. (Western Michigan
College of Education)
Dissertation: The Relationship of Sociodramatic Play to
Various Cognitive Abilities in Kindergarten Children
Field of Specialization: Education

William Charles Lewis, Oxford
B.S., M.Ed. (Miami University)
Dissertation: A Selection of Teaching Activities as Course
Objectives for the Professional Physical Education
Curriculum
Field of Specialization: Physical Education

Anthony Frank Libertella, New Rochelle, N. Y.
B.A. (Iona College); M.A.
Dissertation: The Steel Strike of 1959: Labor,
Management, and Government Relations
Field of Specialization: History

Frank Jackson Lizotte, Lodi
B.A. (Baldwin-Wallace College); M.A.Ed. (University
of Akron)
Dissertation: Elementary Internship at the
Undergraduate Level: An Analysis of Feasibility and
Outcomes of a Pilot-Program at Findlay College
Field of Specialization: Education

Ting-Yu Lo, Taipei, Taiwan
B.S. (National Taiwan University); M.S. (Rice
University)
Dissertation: Fundamental Studies in the Use of Sonic
Power for Rock Cutting
Field of Specialization: Engineering Mechanics

Juinn-fu Lu, Lyndhurst, N. J.
B.E. (Taiwan Christian College of Science and
Engineering); M.S.Civil Engr. (South Dakota School of
Mines and Technology)
Dissertation: Dynamic Stability of a Spherical Shell
Submerged in an Acoustic Medium
Field of Specialization: Engineering Mechanics

Arthur Maurice Lucas, Blackwood, Australia
B.Sc., B.Ed. (University of Melbourne)
Dissertation: Environment and Environmental Education:
Conceptual Issues and Curriculum Implications
Field of Specialization: Education

Edward Christopher Lucy, Liverpool, N. Y.
B.S.Ed. (State University College at Cortland,
New York); M.A.
Dissertation: An Evaluation of a Laboratory Science
Program in a Professional Education Course for
Prospective Secondary Science Teachers at The Ohio
State University
Field of Specialization: Education

Nelson Tsai-Chuang Ma, Chunghua-Hsien, Taiwan
B.E. (Chung Yuan College of Science and Engineering);
M.S. (Tennessee Technological University)
Dissertation: Stress Wave Propagation in a Curved
Transmission Line
Field of Specialization: Engineering Mechanics

Peter Maslowski, Cincinnati
A.B. (Miami University); M.A.
Dissertation: "Treason Must Be Made Odious": Military
Occupation and Wartime Reconstruction in Nashville,
Tennessee, 1862-1865
Field of Specialization: History

Betty Ann Mathis, Columbus
B.S., M.S.
Dissertation: Techniques for the Evaluation and
Improvement of Computer-Produced Abstracts
Field of Specialization: Computer and Information Science

Pearson Dudley McWane, Milan
B.Sc. (Virginia Military Institute); M.S.
Dissertation: A Look at the Antenna Radiation Problem
in the Time Domain
Field of Specialization: Electrical Engineering

Harvey Alexander Meier, Van Nuys, Calif.
B.S. in Animal Sci. (Washington State University); M.S.
(University of Arizona)
Dissertation: Agricultural Lending Attitudes, Practices
and Activities of Ohio Commercial Bankers
Field of Specialization: Agricultural Economics and
Rural Sociology

Roberto Merletti, Torino, Italy
Laurea (Politecnico di Torino); M.S.
Dissertation: Digital Computer Modelling, Simulation
and Analysis of the Physiology and Pathology of the
Body Fluids
Field of Specialization: Electrical Engineering

Glory Barayuga Merrill, Honolulu, Hawaii
B.A. (University of Hawaii)
Dissertation: Part I The Preparation and Reactions of
 α -Hydroxy- and α -Alkoxyalkylenetriphenylphosphazines
Part II The Synthesis of 1,3,4-Oxadiazoles Via
Triphenylphosphine Derivatives
Field of Specialization: Chemistry

David Dean Meyer, Sauquoit, N. Y.
B.S.E.E., M.S.E.E. (Purdue University)
Dissertation: Two-Dimensional Numerical Analysis of
Semiconductor Devices: Application to Biopolar
Transistors
Field of Specialization: Electrical Engineering

Harold Warren Mick, Des Moines, Ia.
B.A. (State College of Iowa); M.B.S. (University of
Colorado); M.A. (University of Kansas)
Dissertation: The Design and Production of Animated
Film Loops, CAI and Pamphlets in an Individualized,
Multi-media Unit on Solving Inequalities: A
Developmental Study
Field of Specialization: Education

William Arthur Miller, Kirkwood, Mo.
B.A. (Saint Louis University)
Dissertation: Kant's Realisms
Field of Specialization: Philosophy

Stephen Malcolm Millett, Columbus
B.A. (Miami University); M.A.
Dissertation: The Constitutionality of Executive
Agreements: An Analysis of *United States v. Belmont*
Field of Specialization: History

Bruce Alex Mitchell, Lake Forest, Ill.
B.S. in Ed. (Northern Illinois University);
M.M. (University of Tennessee)
Dissertation: The Effect of a Teacher Developed Unit
in Hyperbolic Geometry on Structural Objectives in
Tenth Grade Geometry
Field of Specialization: Education

Edilberto Mogollon-Fernandez, Callao, Peru
B.Eng.Ind. (National University of Engineering, Peru);
M.S.
Dissertation: Study of the Electrochemical Exchange of
Oxygen Between A Solid Electrolyte Porous Platinum
Electrode and a Flowing Gas
Field of Specialization: Chemical Engineering

Robert Philip Morgan, Columbus
B.S., M.S.
Dissertation: Self-Paced Respiration in Rats: The
Effect of Feedback Delay
Field of Specialization: Physiology

Thomas Charles Munnell, Phoenixville, Pa.
B.S. in Edu. (California State College, Pennsylvania);
M.S.W. (West Virginia University)
Dissertation: Bureaucratic Orientation and Attitudinal
Attributes of Professionalism Among Professional Social
Workers in a Classical Bureaucratic Setting
Field of Specialization: Social Work

Thomas Elton Nappier, Jr., Fort Sumner, N. M.
B.S., M.S. (New Mexico State University)
Dissertation: Coordination Properties of a Triphosphine
Ligand with Rhodium, Nickel, and Cobalt
Field of Specialization: Chemistry

John J. M. Odland, The Dalles, Ore.
B.S., M.S. (Oregon State University)
Dissertation: Polarized Growth Within a Central Place
System
Field of Specialization: Geography

Paul Dieter Oeltjen, Ohrwege, West Germany
Vor-Diplom. (Universitat Marburg an Der Lahn); M.A.
Dissertation: Maslow's Need Hierarchy Concept and
Individual Differences in Need Profiles in an
Organizational Setting
Field of Specialization: Psychology

Marcia Min-ron Lee Ong, Taipei, Taiwan
B.S., M.S.Agr. (National Taiwan University)
Dissertation: Changes in Farm Level Savings and
Consumption in Taiwan 1960-1970
Field of Specialization: Agricultural Economics and
Rural Sociology

Ann Louise Walthall Orsini, Cranston, R. I.
B.S., M.S. (University of Rhode Island)
Dissertation: Search and Transmission of Fabric
Performance Information by Consumers and Sales
Personnel
Field of Specialization: Home Economics

Chester Palen, Kent
B.S. in Ed., M.S. in Ed. (Bowling Green State University)
Dissertation: The Perception of Distorted Speech by
Children with Speech Disorders
Field of Specialization: Speech Communication

John Michele Pascone, Ardsley, N. Y.
B.S. (Fordham University)
Dissertation: Part I: Nucleophilic Cleavage of
p-Toluenesulfonates Parts II and III: 7-Methyl- and
7-Aryl-7-Norbornenyl Cations
Field of Specialization: Chemistry

Roger Frederick Penn, Rockford
B.S. in Ed. (Bowling Green State University); M.S.T.
(Cornell University)
Dissertation: An Experimental Study Involving the Use
of Contract Evaluation in a Chem Study in a Traditional
High School Chemistry Course
Field of Specialization: Education

Vera Edmondson Perry, Hampton, Va.
B.S., M.A. (Hampton Institute)
Dissertation: Differences in Language Facility Between
Black and Caucasian Educable Mentally Retarded
Students in a Mid-Western Urban City Public School
System
Field of Specialization: Education

John Joseph Pfetzing, Cincinnati
B.S. Ed., M.Ed. (Miami University)
Dissertation: Student Utilization of Computer Assisted
Instruction Made Available in Elementary Undergraduate
Mathematics
Field of Specialization: Education

*Robert Leslie Phillips, Huntington, W. Va.
B.S. (United States Military Academy)
Dissertation: A Study of Twenty-one Variables Relating
to Leader Legitimation
Field of Specialization: Business Administration

Nancy Krainock Pinchot, Campbell
B.S. in Ed. (Youngstown University); M.A.
Dissertation: Preferences of Elementary Students and
Their Parents for Counselors
Field of Specialization: Education

Jack Richard Pingry, Columbus
B.S.M.E. (Purdue University); M.Sc. (University of
Virginia); M.B.A.
Dissertation: An Examination of the Purchasing Process
for Technical Industrial Products
Field of Specialization: Business Administration

Gerald Gene Pope, Bloomville
B.S. Nutrition, M.S.
Dissertation: Effect of Time, Temperature and
Fortification Level on the Retention of Ascorbic Acid
in Fortified Tomato Juice
Field of Specialization: Horticulture

Sanford Reich, Cleveland
B.S.E.E., M.S.Eng. (Case Institute of Technology)
Dissertation: Design and Evaluation of a Dual Function
Visual Vocoder in Speech Therapy
Field of Specialization: Electrical Engineering

* Also Master of Arts, Graduate School

Diane Lois Reinhard, Milwaukee, Wis.
B.S., M.S. (University of Wisconsin, Milwaukee)
Dissertation: Methodology Development for Input
Evaluation Using Advocate and Design Teams
Field of Specialization: Education

William Howell Roberts, Delaware
B.A., B.S.Ed., M.A.
Dissertation: An Examination of the Contemporary
American Novel as a Means of Assisting Students in
Meeting the Demands of a Changing Society
Field of Specialization: Education

Harold Wayne Rose, Xenia
B.S. (E.E.), M.S. (University of Colorado)
Dissertation: Holographic Lens Systems
Field of Specialization: Electrical Engineering

Michael Lewis Sanow, Rochester, N. Y.
A.B. (University of Rochester); M.A. (Northeastern
University)
Dissertation: A Case Study of Race Relations Among
Students in a Transitional High School
Field of Specialization: Sociology

Naresh Chandra Saxena, Udaipur, India
B.E. (University of Rajasthan); M.S.
Dissertation: Viscoelastic Characterization of Soybean
Grain Under Quasi-static Loading
Field of Specialization: Agricultural Engineering

Philip A. Schlosser, Columbus
B.S. Phys., M.S.
Dissertation: Investigation of the Radiation Imaging
Properties of Pyroelectric Detector Arrays
Field of Specialization: Nuclear Engineering

William Dean Schmidt, Ellensburg, Wash.
B.Sc. in Educ. (University of Nebraska); M.A. (San
Diego State College)
Dissertation: Design Elements in Instructional Films:
An Attempt to Derive Some Operational Generalizations
Based on Research and on Producer Opinion
Field of Specialization: Education

David Russell Schneider, Columbus
B.A. (University of Wichita)
Dissertation: On the Biochemical and Morphologic
Characterization of Microtubule Phosphate Accumulation
Field of Specialization: Pharmacology

Edmund Acton Schofield, Jr., Worcester, Mass.
B.A., M.A. (Clark University)
Dissertation: Field and Laboratory Studies of the
Ecology and Physiology of Selected Algae, Mosses, and
Lichens from Antarctica
Field of Specialization: Botany

Arlene Ovidia Schrade, Des Plaines, Ill.
B.A. (Beloit College); M.A. (Northwestern University);
Cert. TESOL
Dissertation: Children's Responses Toward Spanish
Cultures Through the Integration of FLES, Language
Arts, and Social Studies
Field of Specialization: Education

Paul Richard Schratz, Falls Church, Va.
B.S. (United States Naval Academy); M.A. (Boston
University)
Dissertation: The U. S. Defense Establishment: Trends
in Organizational Structures, Functions, and
Interrelationships 1958-1970
Field of Specialization: Political Science

Anthony Schwartz, Columbus
D.V.M. (Cornell University)
Dissertation: Studies on Baboon Xenogeneic
Histocompatibility Antigens
Field of Specialization: Medical Microbiology

Nitin Mohanlal Sevak, Dayton
B.E. (University of Baroda, India); M.S. (University
of California, Berkeley)
Dissertation: Optimal Synthesis of Flexible Link
Mechanisms with Large Static Deflections
Field of Specialization: Mechanical Engineering

William David Sheasley, Franklin, Pa.
B.S. (Grove City College, Pennsylvania); M.S.
Dissertation: The Electronic Emission Spectra of
 $H\equiv Cl$, $H=Cl$, and $D\equiv Cl$
Field of Specialization: Chemistry

Richard Wayne Shoenberger, Dayton
B.S., M.S. (Florida State University)
Dissertation: An Investigation of Human Information
Processing During Whole-Body Vibration
Field of Specialization: Psychology

Mary Jeannette Sirridge, Prairie Village, Kan.
B.A. (Saint Mary's College, Indiana); M.A.
Dissertation: Problems of Truth and Reference in Fiction
Field of Specialization: Philosophy

Lloyd Reynolds Sloan, San Antonio, Tex.
B.A. (University of Texas); M.A.
Dissertation: Social Deprivation and Stimulus Satiation
in the Rat
Field of Specialization: Psychology

James Martin Smiley, Prestonsburg, Ky.
B.S., A.M. (Morehead State University)
Dissertation: The Identification and Comparison of
Accounting Concepts That Should Be and Are Included
in the Course Content of the First-Year High School and
Post-Secondary Accounting Courses
Field of Specialization: Education

Russell Guy Smith, Milledgeville, Ga.
B. of Cer. Eng., M.S. Cer. Eng. (Georgia Institute of
Technology)
Dissertation: Characterization of Inorganic Pigment
Production by Vapor Phase Reaction
Field of Specialization: Ceramic Engineering

Russell Yates Smith, Dayton
B.A., M.A.
Dissertation: The Making of an Egyptian Nationalist:
The Political Career of Saad Zaghlul Pasha Prior to 1919
Field of Specialization: History

- Earl Forrest Starr, Jr., Dayton
B.S., M.S. (Lowell Technological Institute)
Dissertation: A Small He³ Cryostat for Single Crystal Neutron Diffraction Applications with a New Thermometer Calibration Technique
Field of Specialization: Physics
- John Samuel Stephenson, III, Buzzards Bay, Mass.
A.B. (Boston University); M.A. (University of Denver)
Dissertation: Professionalism and Innovation Acceptance Among Teachers
Field of Specialization: Sociology
- Stephen Ralph Strome, Oxford
B.S. in Ed., M. Ed. (Miami University)
Dissertation: A Comparison of the Academic Achievement and Graduation Success of Grant-in-Aid Athletes Under Four Different Prediction Plans
Field of Specialization: Physical Education
- Anthony Xavier Sutherland, Stony Point, N. Y.
B.A. (Saint Vincent College); M.A. (Duquesne University)
Dissertation: Jozef Tiso and Modern Slovakia
Field of Specialization: History
- Richard Alan Swanson, Columbus
B.S. in Math. (Illinois Institute of Technology); M.A. (Northeastern Illinois State College)
Dissertation: The Development and Evaluation of an Instructional Unit in Consumer Mathematics for Secondary School Low Achievers
Field of Specialization: Education
- Elea Theo Swigart, Clinton
B.Sc. in Elem. Edu. (Mount Union College); M.A.
Dissertation: Hearing Sensitivity and Speech Intelligibility of Cleft-Palate Children and Non-Cleft Siblings
Field of Specialization: Speech Communication
- Mary Faith Tanney, Pittsburgh, Pa.
B.A. (Pennsylvania State University); M.A.
Dissertation: The Initial Impact of Racial Differences on Clients: An Analogue Study
Field of Specialization: Psychology
- Erwin Bernard Teuber, Worthington
B.A. (Saint Cloud State College); M.A.
Dissertation: Integrating Mechanisms in a Community Conflict Environment: Human Relations Commissions in Seventeen Cities
Field of Specialization: Sociology
- George John Theus, Jr., Parma
B.S. (Case Institute of Technology); M.S.
Dissertation: Electrochemical Studies of Metals in Fused Sodium Hydroxide
Field of Specialization: Metallurgical Engineering
- Gerald Lee Thompson, Ames, Ia.
B.S. (Iowa State University of Science and Technology)
Dissertation: Pyrolysis, Photolysis, and Solvolysis Studies of Unsaturated Propellanes
Field of Specialization: Chemistry
- James Roger Tootle, Columbus
B.A., M.A.
Dissertation: Anglo-Indian Relations in the Northern Theatre of the French and Indian War, 1748-1761
Field of Specialization: History
- Gary Lee Trusty, Xenia
B.S. in E.E. (University of Cincinnati); M.S.
Dissertation: Absorption Measurements of the 10.4 Micron Region Using a CO₂ Laser and a Spectrophone
Field of Specialization: Electrical Engineering
- John Conrad Van Keuren, Marion
B.S. (University of Dayton); M.S.
Dissertation: A Mossbauer Effect Study of the High Temperature Oxidation of 302 Stainless Steel
Field of Specialization: Nuclear Engineering
- Robert Leo Vecellio, Ironton
B.C.E., M.S.
Dissertation: Analysis of Platoon Dispersion Characteristics on One-Way Urban Signalized Arterials
Field of Specialization: Civil Engineering
- Balkrishna Venkatesh, Dharwar, India
B.E. (University of Poona, India); M.S. (Purdue University); M.B.A.
Dissertation: Generalization and Discrimination: An Empirical Investigation of Certain Behavioral Relationships
Field of Specialization: Business Administration
- Pritam Singh Verma, Saharanpur, India
B.Sc. (Agra University); M.Sc. (Punjab Agricultural University)
Dissertation: Induced Resistance to Fusarium Wilt in Susceptible Tomato Isolines by the Non Pathogen, *Chaetomium*
Field of Specialization: Plant Pathology
- William Robert Verry, Alexandria, Va.
B.A. (Reed College); B.S. (Portland State College); M.A. (Fresno State College)
Dissertation: The Application of Decision Theory to Governmental Decision Making
Field of Specialization: Industrial Engineering
- John Wakmundski, Spencerville
B.S.Ed., M.S. (Ohio University)
Dissertation: McKinley Politics and the Changing Attitudes Toward American Labor: 1870-1900
Field of Specialization: History
- Barry James Ward, Libertyville, Ill.
B.A. (Lake Forest College); M.A.
Dissertation: A Functional Approach to the English Folk Play
Field of Specialization: English
- Frederick Elliott Warner, Dayton
B.A.
Dissertation: The Burletta in London's Minor Theatres During the Nineteenth Century with a Handlist of Burlettas
Field of Specialization: Theatre
- John Ward Warner, III, Wooster
B.A. (Kalamazoo College)
Dissertation: A Spectroscopic Study of Galactic Nuclei
Field of Specialization: Astronomy
- Vernaline Watson, Hobgood, N. C.
B.A., M.A. (North Carolina College at Durham)
Dissertation: Organizational Decisions and Disability Behavior
Field of Specialization: Sociology

Timple Go Wee, Youngstown
 A.A., M.D. (Far Eastern University, Philippines)
Dissertation: Studies of the Mechanism of Action of
 Uridine Diphosphate-galactose-4-epimerase
Field of Specialization: Chemistry

Jane Gatewood White, Caledonia
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: The Lattice-ladder Concept Applied to the
 Child Development Programs in Technical Education
Field of Specialization: Home Economics

Vitaly Wowk, Columbus
 B.A. (Mississippi State College); M.A.
Dissertation: The Historical Novels of Ivan Ivanovich
 Lazecnikov
Field of Specialization: Slavic Languages and Literatures

Wu-Nan Wu, Kaohsiung, Taiwan
 B.Sc. Pharmacy (Kaohsiung Medical College)
Dissertation: Antimicrobial Agents from *Thalietrum*
Rugosum Ait. (*T. Glaucum* Desf.)
Field of Specialization: Pharmacy

Gerald A. Zeisel, Brooklyn, N. Y.
 B.B.A., M.B.A. (City College of New York)
Dissertation: Choice of Accounting Procedures: When
 Conflict Exists Between Managers and Shareholders
Field of Specialization: Accounting

Master of Accounting

Two candidates

Ole Daniel Bay, Winlock, Wash.
B.A. (University of Washington)
Field of Specialization: Accounting

Daniel George Hoffmann, Columbus
B.S. Food Tech.
Field of Specialization: Accounting

Master of Architecture

Two candidates

Wornhuei Chi, Taipei, Taiwan
B.S. (Tunghai University)
Field of Specialization: Architecture

Liang-Yuan Steve Yang,
Columbus
B.A. (Tunghai University)
Field Specialization: Architecture

Master of Arts

One hundred and fifty-nine candidates

Cecilia Von Almen Adams, Grove City
B.Mus. (Heidelberg College)
Field of Specialization: Education

Kay Angona Adams, Columbus
B.F.A. (University of Texas)
Field of Specialization: Education

Bonnie Woods Anderson,
North Olmsted
A.B. (Hope College)
Field of Specialization: History of Art

Carol Jeffrey Andraea, Columbus
A.B. (Smith College)
Field of Specialization: Education

Barbara Turnham Armbruster,
Columbus
B.A. (Bridgewater College)
Field of Specialization: English

Edith Round Bader, Columbus
B.S.Ed.
Field of Specialization: Education

ElvaLee Banks, Elyria
B.S.Ed.
Field of Specialization: Education

Daniel James Beck, Columbus
B.A. (University of Cincinnati)
Field of Specialization: Political Science

Victoria Fein Bernstein,
Bayside, N. Y.
B.A. (Queens College)
Field of Specialization: Psychology

Cynthia Stark Bessey, Columbus
B.S.Ed.
Field of Specialization: Education

Wanda Lee Boykin, Zanesville
B.A. (Otterbein College)
Field of Specialization: Education

Marilyn Lucille Brenner,
Canal Winchester
B.S.Ed.
Field of Specialization: Education

Charles Gregory Buntz, Iowa City, Ia.
B.B.A., M.A. (University of Iowa)
Field of Specialization: Public Administration

Leonard Lee Bussard,
Michigan Center, Mich.
B.M. (Western Michigan University)
Field of Specialization: Music

Glenn Frank Campbell, Columbus
A.B. (Colgate University)
Field of Specialization: Speech Communication

Judi Proietti Caron, Columbus
B.S. (Arizona State University)
Field of Specialization: Sociology

George Richard Chesley,
Halifax, N. S., Canada
B.Com. (Mount Allison University)
Field of Specialization: Accounting

William Arthur Clouse, Jr., Columbus
B.A. (Maskingum College)
Field of Specialization: Education

Roger Frederick Coffman, Newark
B.A. (Marietta College)
Field of Specialization: Education

Clarice Bami-Joko Conger-Thompson,
Freetown, Sierra Leone
B.S.Ed.
Field of Specialization: Education

Patrick Joseph Connor, Columbus
A.B. (Ohio Dominican College)
Field of Specialization: Education

James Henry Cowardin, Columbus
B.S. (United States Naval Academy)
Field of Specialization: Education

Thelma Downing Dagger, Lancaster
B.S. in Soc. Adm.
Field of Specialization: Education

Patricia Jean Caccamo Daugherty,
Cuyahoga Falls
B.S.Ed., Cert. Grad. Dent. Hyg.
Field of Specialization: Education

Patricia More Dawson, Hilliard
B.S.Ed.
Field of Specialization: Psychology

Sally Ellen Dellinger, Columbus
B.S.Ed.
Field of Specialization: Physical Education

Deborah Gwynn Demcheck,
Metaire, La.
B.S. (Louisiana State University and Agricultural and Mechanical College)
Field of Specialization: Psychology

Sister Miriam Dosch, Waukesha, Wis.
B.A. (Holy Family College)
Field of Specialization: Education

Adrienne Wynona Douglas,
Spartanburg, S. C.
B.S.
Field of Specialization: Psychology

Elizabeth Rolfe Dwyer, Columbus
B.S.Ed.
Field of Specialization: Education

Stefanos Enkara, Istanbul, Turkey
Degree (Athens Graduate School of Economics and Business Science)
Field of Specialization: Economics

Diane Reeder Ewing, Columbus
B.S.Ed.
Field of Specialization: Psychology

Jennifer Jones Farmer, Columbus
B.S. (Bowling Green State University)
Field of Specialization: Education

Diane Chappelle Faulk, Cleveland
B.S. (Central State University)
Field of Specialization: Education

George Joseph Fero, Youngstown
B.M. (Youngstown State University)
Field of Specialization: Music

Thomas Francis Ford, Pittsburgh, Pa.
B.S. in B.A. (Duquesne University)
Field of Specialization: Economics

Judith Kay Freeman, Belmont
B.S.Ed.
Field of Specialization: Education

Ronna Ann Freiberg, Columbus
A.B. (University of Michigan)
Field of Specialization: Romance Languages

Dean Wilson Fried, Springfield
B.S. Bus. Adm.
Field of Specialization: Economics

Kathleen Michele Gaynor, Toledo
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education

Rhoda Hiatt Gelles, Columbus
B.S. (Simmons College)
Field of Specialization: Education

- Frances Rosenberg Gellman, Columbus
B.A. (Brooklyn College)
Field of Specialization: Education
- Lloyd Lee Gemienhardt, Columbus
B.S.Ed.
Field of Specialization: Education
- Jerry Stanley Gerard, Columbus
B.A.
Field of Specialization: Education
- David Clark Gilmore, Columbus
B.A. (Capital University)
Field of Specialization: Psychology
- Denyce Cheryl Girard, Rocky River
B.A. (Michigan State University)
Field of Specialization: Education
- Ingrid Gottlieb Goldshmid, Columbus
B.A. (Washington State University)
Field of Specialization: Business Administration
- Everett Edman Hale, Jr.,
Wheeling, Ill.
A.B. (University of Illinois)
Field of Specialization: Anthropology
- Nancy Roseberry Hall, Columbus
B.S. in Edu. (Capital University)
Field of Specialization: Education
- Anne Harlan, Mangum, Okla.
B.A. (University of Houston)
Field of Specialization: Psychology
- John Robert Hayes, Wooster
B.A. (College of Wooster)
Field of Specialization: Psychology
- Stephen Plummer Hildreth, Columbus
B.S.Bus.Adm.
Field of Specialization: Economics
- Libby Ann Wilson Holt, Columbus
B.A. (West Virginia Wesleyan College)
Field of Specialization: Education
- William Lawrence Hoy, Columbus
B.S.Bus.Adm.
Field of Specialization: Public Administration
- Judith Greenwald Jacover, Skokie, Ill.
A.B. (University of Michigan)
Field of Specialization: Education
- Monika Jakowlew, Ashtabula
B.A. (Kent State University)
Field of Specialization: Slavic Languages
- Alice Katherine Jenkins, Trotwood
B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Patricia Price Jordan, Portland
B.S.Ed.
Field of Specialization: Physical Education
- Elizabeth Jane Kaenzig, Dayton
B.A. (Muskingum College)
Field of Specialization: Journalism
- Ethel Heintz Kasler, Luckey
R.M.E. (Capital University)
Field of Specialization: Music
- Donald Duane Kerr, Columbus
B.S.Ed.
Field of Specialization: Education
- Florence Michiko Kimura,
Honolulu, Hawaii
Ed.B. (University of Hawaii)
Field of Specialization: Education
- Marian Clodfelter Kirk, Columbus
B.S.Bus.Adm.
Field of Specialization: Education
- Kenneth Vernon Kobe, Newark
B.A. (Denison University)
Field of Specialization: Public Administration
- Thomas Louis Koepnick, Kettering
B.A. (University of Dayton)
Field of Specialization: History
- Joseph James Kreider, Columbus
B.S.Ed.
Field of Specialization: Education
- Steven David Kriska, Parma Heights
B.S.Ed.
Field of Specialization: Psychology
- Cynthia Craig Kubina, Columbus
B.S.Ed.
Field of Specialization: Speech Communication
- Rodney Matthew Kueneman,
Kitchener, Ont., Canada
B.A. (Hons.) (University of Waterloo)
Field of Specialization: Sociology
- Michael Alan Landers, Columbus
B.S.
Field of Specialization: Physical Education
- Victor Anthony Laniauskas, Euclid
B.S.Ed.
Field of Specialization: Journalism
- Andrea Anne Lash, Chagrin Falls
B.S. (Purdue University)
Field of Specialization: Education
- Edward Louis Lense, Columbus
B.A. (New York University)
Field of Specialization: English
- Patricia Barker Lerch, Columbus
B.A. (Cleveland State University)
Field of Specialization: Anthropology
- Marvis Day Lewis, Wilberforce
B.A. (Central State University)
Field of Specialization: Education
- Joan Berrier Ligon, Allentown, Pa.
B.A. (University of Delaware)
Field of Specialization: Romance Languages
- Thomas Edward Linehan, Columbus
A.B. (Webster College)
Field of Specialization: Art Education
- Donald James Loveman, Medina
B.S.Ed.
Field of Specialization: Music
- Kay Marlene Heter Mackan, Bellevue
A.B. (Heidelberg College)
Field of Specialization: Education
- Bruce Daly MacPhail,
North White Plains, N. Y.
B.A. (College of Wooster)
Field of Specialization: English
- Stacey Henderson Mancuso,
Cincinnati
B.F.A. (Syracuse University)
Field of Specialization: Art Education
- Joseph Peter Manczuk, Parma
B.A. (University of Missouri, Kansas City)
Field of Specialization: Political Science
- Nancy Anne Mayfield, Columbus
B.S. in Ed. (Miami University)
Field of Specialization: Education
- Grace Wold McCalley, Columbus
B.S. (Moorhead State College)
Field of Specialization: Music
- Linda Leigh McCluskey, Columbus
B.A. (Rockford College)
Field of Specialization: Education
- Wayne McDowell, Mansfield
B.A.
Field of Specialization: Education
- Patricia Anne McGough, Lima
B.A. (Miami University)
Field of Specialization: Journalism
- Marilyn Diane Metcalf, Mansfield
B.S.Ed.
Field of Specialization: Education
- Janet Louise Meyer, Fostoria
B.S.Ed.
Field of Specialization: Education

- Gene Raye Miller, Owensboro, Ky.
B.S. (Murray State College)
Field of Specialization: Theatre
- Rose Ann Marie Miller, Marblehead
B.S.Ed. (Capital University)
Field of Specialization: Art Education
- Ernestine Montgomery, Cleveland
B.A.
Field of Specialization: Education
- Shirley Mickley Moorehead, Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Allen Henry Moos, Columbus
B.S.Ed.
Field of Specialization: Education
- Douglas H. Morgan,
Oklahoma City, Okla.
B.A. (Oklahoma City University)
Field of Specialization: History
- Dale Michael Moyer, Rockford, Ill.
B.A. (Northern Illinois University)
Field of Specialization: Psychology
- Douglas Roy Munro,
Ann Arbor, Mich.
B.A. (University of Oklahoma)
Field of Specialization: Economics
- Robert Hebard Mustard,
Wallingford, Conn.
B.A.
Field of Specialization: English
- Judith Ann Muyskens, Gary, Ind.
B.A. (Central College)
Field of Specialization: Romance Languages
- Steven Robert Nelson,
Battleground, Wash.
B.A. (Western Washington State College)
Field of Specialization: Education
- Julianne Nickell, Middletown
B.S. (Miami University)
Field of Specialization: Art Education
- Carmen Michael Niman, Columbus
B.A. (Wesleyan University)
Field of Specialization: Psychology
- Chad Alan Norcross, Berea
B.A.
Field of Specialization: Education
- Barbara Nippert Nuenke,
Worthington
B.S.Ed.
Field of Specialization: Education
- Lawrence Victor O'Connor, Columbus
B.S. (George Williams College)
Field of Specialization: Education
- Alice Burns Omaggio, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Romance Languages
- Dudley Onderdonk, III, Cincinnati
B.A. (Ohio Wesleyan University)
Field of Specialization: Geography
- Michael Alexander Orloff, Skokie, Ill.
B.A. (Knox College)
Field of Specialization: Slavic Languages
- John Paul Pallay, Columbus
B.A.
Field of Specialization: Journalism
- Jenifer Janet Partch, St. Cloud, Minn.
B.A. (Hamline University)
Field of Specialization: Anthropology
- Dudley Patrick, Columbus
B.A.
Field of Specialization: Education
- Joséphine Ann Petrozzi, Steubenville
B.S.Ed.
Field of Specialization: Education
- Stephen Joseph Pfohl,
Washington, D. C.
B.A. (Catholic University of America)
Field of Specialization: Sociology
- Robert Leslie Phillips,
Huntington, W. Va.
B.S. (United States Military Academy)
Field of Specialization: Business Administration
- Nancy Wood Pickrel, Columbus
B.A. (Allegheny College)
Field of Specialization: English
- William Gerald Platt, Detroit, Mich.
B.S. (Michigan State University);
M.B.A. (Wayne State University)
Field of Specialization: Public Administration
- Andreas Jonas Rabe, Columbus
B.S.Agr.
Field of Specialization: Speech Communication
- Nancy Dee Raming, Galena
B.S.Ed. (Kent State University)
Field of Specialization: Physical Education
- Donald Eddy Reiber, Columbus
B.S.Ed.
Field of Specialization: Education
- Stanley Don Reichgott, Columbus
B.A.
Field of Specialization: Sociology
- John Edward Rogers, Columbus
B.S.Ed.
Field of Specialization: Education
- Rodney Roscoe, Columbus
B.S.Ed.
Field of Specialization: Education
- Dianne Davis Roth, Columbus
B.A. (University of Colorado)
Field of Specialization: Sociology
- Linda Kay Schamber, Mansfield
B.S.Ed.
Field of Specialization: Journalism
- Gilbert Bruce Scherer,
Rochester, N. Y.
B.A. (University of Rochester)
Field of Specialization: Psychology
- Sherry Feitz Schottke, Columbus
B.S.Ed.
Field of Specialization: Education
- James Ralph Schutte, Euclid
B.A. (Wittenberg University)
Field of Specialization: Romance Languages
- Hugh Leslie Shaffer, Alliance
B.A. (Mount Union College)
Field of Specialization: Slavic Languages
- Roy Shapiro, South Euclid
B.A.
Field of Specialization: Psychology
- Sister Valerie Ann Shaul, Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Education
- Mary Brigid Shelly, Alpha, N. J.
A.B. (Rutgers-The State University)
Field of Specialization: Slavic Languages
- Vivian Harper Siebert, Columbus
B.S.Ed.
Field of Specialization: Education
- Martin Thomas Skeele, Columbus
B.F.A.
Field of Specialization: Education
- Caroline Heyward Sparks,
Seattle, Wash.
B.A. (Auburn University); M.A.
(Tulane University of Louisiana)
Field of Specialization: Psychology

* Also Doctor of Philosophy, Graduate School

Michael William Spicer, Columbus
B.S.Bus.Adm.
Field of Specialization: Public Administration

Harry Asbury Spyker, III, Fairborn
B.S. in Ed. (Central State University)
Field of Specialization: Music

Keith Judd Stanger, Columbus
B.A. (State University of New York, Harpur College)
Field of Specialization: Psychology

Thomas Andrew Stankosky, Bridgeport, Conn.
B.A. (Catholic University of America)
Field of Specialization: Romance Languages

Anna Maus Staudenmaier, Columbus
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

David Bruce Stokes, Newark
B.S.Bus.Adm.
Field of Specialization: Public Administration

Anne Dropkin Swedlow, Columbus
B.S.Ed. (Capital University)
Field of Specialization: Education

James Rountree Temples, Vidalia, Ga.
A.B. (University of Georgia)
Field of Specialization: Political Science

Mary Alice Vandegrift, Verga, N. J.
A.B. (Rutgers-The State University)
Field of Specialization: German

Virginia Elizabeth Varga, Richmond Heights
B.A. (John Carroll University)
Field of Specialization: Sociology

Roger Craig Vogel, Cleveland
B.Mus.
Field of Specialization: Music

Karen S. Watts, Columbus
B.S.Ed.
Field of Specialization: Education

Brenda Harris Waxman, Columbus
B.S. (Florida State University)
Field of Specialization: Education

Deborah Steiner Weber, Wooster
B.A. (Denison University)
Field of Specialization: Anthropology

Thomas Charles Webster, Columbus
B.A. (Graceland College)
Field of Specialization: Economics

Sally Ann Whetsel, Cincinnati
B.S.Ed.
Field of Specialization: Education

Frances Ann Whitehead, Columbus
B.S.Ed.
Field of Specialization: Education

Charles Eugene Worth, Dayton
B.A.
Field of Specialization: Education

Joanne Mildred Wrasse, Bellville
A.B. (Findlay College)
Field of Specialization: Education

Carolyn Sue Wright, Columbus
B.S.Ed.
Field of Specialization: Education

Joan Joyce Wright, Columbus
B.S. (Florida Normal and Industrial Memorial College)
Field of Specialization: Education

Joyce Marie Yanchar, Euclid
B.S. (Ohio University)
Field of Specialization: Economics

Kathleen Mitchell Yarbrough, Columbus
B.A.
Field of Specialization: Education

Karen Gernenz Youngman, Columbus
B.A. (Denison University)
Field of Specialization: Romance Languages

George Charles Zeller, Salem
B.A. (Wittenberg University)
Field of Specialization: Sociology

Master of Business Administration

Thirty-three candidates

Robert Clark Amos, Scio
B.Met.E.
Field of Specialization: Business Administration

Paul Allen Bedo, Bedford
B.S.Bus.Adm. (John Carroll University)
Field of Specialization: Business Administration

Anil Bhandari, Coral Gables, Fla.
B.S. (Agra University, India) ;
B.Tech. (Institute of Technology, India) ; M.S.
Field of Specialization: Business Administration

Gregory Alan Cada, Lyndhurst
B.S. (Case Western Reserve University)
Field of Specialization: Business Administration

Stephan Wayne Conaway, Cardington
A.B. (Duke University)
Field of Specialization: Business Administration

John Ronald Corson, Mt. Ephraim, N. J.
B.S. (Drexel University)
Field of Specialization: Business Administration

James Louis Dorrance, Columbus
B.S.Ed.
Field of Specialization: Business Administration

Elwood Addison Ellis, III, Columbus
B.A. (College of Wooster)
Field of Specialization: Business Administration

Alan Douglas Fruehan, Lakewood
B.S.
Field of Specialization: Business Administration

James Edmund George, Columbus
B.S. (Wisconsin State University, Stevens Point)
Field of Specialization: Business Administration

Edward Leone Goff, Lucedale, Miss.
B.S. (Mississippi State University)
Field of Specialization: Business Administration

Charles Bernard Grebus, Groveport
B.S.Bus.Adm.
Field of Specialization: Business Administration

Roger Patrick Handley, Newark
A.B. (Indiana University)
Field of Specialization: Business Administration

Robert Michael Harbrecht, Worthington
B.A. (Duke University)
Field of Specialization: Business Administration

Harry Lee Haubert, Coldwater
B.S. (Ohio University)
Field of Specialization: Business Administration

Stephen Carl Hendrix, Falls Church, Va.
B.A. (Texas Christian University) ;
M.I.S. (American University)
Field of Specialization: Business Administration

Richard Dale Higdon, Worthington
B.S.M.E. (Purdue University)
Field of Specialization: Business Administration

Charles Howard Knight, Pomeroy
B.B.A. (Ohio University)
Field of Specialization: Business Administration

Robert Lee Lanning, III, Rocky River
B.S. (Purdue University)
Field of Specialization: Business Administration

John Thomas Lennon, Columbus
B.S.Ed.
Field of Specialization: Business Administration

John Andrew MacDonald,
Shaker Heights
B.A. (Trinity College)
Field of Specialization: Business Administration

John Joseph Moss, Cambridge
B.A.
Field of Specialization: Business Administration

John Charles Nieman, Cincinnati
B.B.A. (University of Cincinnati)
Field of Specialization: Business Administration

David Charles Rader, McComb
B.S.E.E.
Field of Specialization: Business Administration

Alan Edward Rohrs, Hicksville
B.A.
Field of Specialization: Business Administration

William Keith Root, Columbus
B.A.
Field of Specialization: Business Administration

Frank John Schranz,
Mission Hills, Calif.
B.A. (Whittier College)
Field of Specialization: Business Administration

Gary Lee Schulte, St. Marys
B.M.E.
Field of Specialization: Business Administration

Samuel Silas Skidmore, Cincinnati
B.S.Bus.Adm.
Field of Specialization: Business Administration

David Ralph Stuecheli, Akron
B.A. (Michigan State University)
Field of Specialization: Business Administration

David Leonard Tryda, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Nicholas Brown Wilson, Columbus
B.S. (United States Military Academy)
Field of Specialization: Business Administration

Barry Nelson Winslow, Columbus
B.A.Jour.
Field of Specialization: Business Administration

Master of City Planning

Four candidates

Thomas Michael Isaacs, Youngstown
B.A. (Hartwick College)
Field of Specialization: City and Regional Planning

James Murray Jennings, Jr.,
Columbus
B.A. (Miami University)
Field of Specialization: City and Regional Planning

Howard Robert Maier, Cleveland
B.A.
Field of Specialization: City and Regional Planning

Harry Eugene Smail, Columbus
B.S.Agr., M.S.
Field of Specialization: City and Regional Planning

Master of Music

Three candidates

Robert Michael Daugherty, Huron
B.A. (Denison University)
Field of Specialization: Music

Gay Ann Rahmel, Defiance
B.A. (Bluffton College)
Field of Specialization: Music

George Melvin Tepping, Dayton
B.Mus.
Field of Specialization: Music

Master of Science

One hundred and sixty-five candidates

Patsy Joseph Accardo, Wheaton, Md.
B.S.Nurs., (University of Nebraska)
Field of Specialization: Allied Medicine

Syed Abuzar Ahmad, Bihar, India
B.Sc. (Engr.) (Ranchi University)
Field of Specialization: Electrical Engineering

Howard Thomas Albin, Columbus
B.S.Agr.
Field of Specialization: Zoology

Scott Robert Albin, Columbus
B.M.E.
Field of Specialization: Mechanical Engineering

Elisabeth Juliana Angrick, Columbus
B.S.
Field of Specialization: Medical Microbiology

Charles Edward Armbruster, Jr.,
Columbus
B.A. (Bridgewater College)
Field of Specialization: Computer and Information Science

William Bradford Ashton,
Windham Center, Conn.
B.S. (United States Air Force Academy)
Field of Specialization: Industrial Engineering

John Paul Bachlet,
Fernie, B. C., Canada
B.A.Sc. (University of British Columbia)
Field of Specialization: Metallurgical Engineering

Carol Kowatch Baker, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Ronald Dale Barker, Burlington, Vt.
B.S. (University of Akron)
Field of Specialization: Mathematics

Patricia Susan Bartos, Columbus
B.S.
Field of Specialization: Statistics

Henry Chester Beavers,
Bear Creek, N. C.
B.S. (Campbell College)
Field of Specialization: Animal Science

Robert Campbell Beckett,
Lisburn, North Ireland
B.Ag. (Queen's University of Belfast)
Field of Specialization: Dairy Science

Jay Hogan Benedict, Columbus
B.S. (Youngstown State University)
Field of Specialization: Allied Medicine

Ilana Ingeborg Bjorling-Sachs,
Bergsjö, Sweden
Fil.Kand. (Umeå Universitet)
Field of Specialization: Computer and Information Science

Phillip Bruce Bohl, Wooster
B.S.M.E.
Field of Specialization: Mechanical Engineering

Raymond Edgar Bowers, Columbus
B.S.Ed.
Field of Specialization: Zoology

Thomas Gram Brosey, Columbus
B.S.Agr.E.
Field of Specialization: Agricultural Engineering

Peter Warren Brubaker,
Palos Verdes, Calif.
B.S. (University of California, Berkeley)
Field of Specialization: Aeronautical and Astronautical Engineering

Don Charles Buckloh, London
B.S.Agr.
Field of Specialization: Natural Resources

James Henry Budde, Columbus
B.S. (Texas Agricultural and Mechanical University)
Field of Specialization: Agricultural Economics and Rural Sociology

Sister Maryann Burgoyne,
Philadelphia, Pa.
B.S. (Villanova University)
Field of Specialization: Nursing

Gary William Buttwin,
North Madison
B.Ch.E.
Field of Specialization: Chemical Engineering

Peter Carrell Camana, Pennsburg, Pa.
B.S.E.E. (Lehigh University)
Field of Specialization: Electrical Engineering

Sister Monica Mary Casey,
Philadelphia, Pa.
B.S.Nurs. (Villanova University)
Field of Specialization: Nursing

Jose Oscar Caverro-Robbiano,
Lima, Peru
D.V.M. (University of San Marcos)
Field of Specialization: Veterinary Clinical Sciences

Deanna Fern Hawkins Cedargren,
Centerburg
B.S.Nurs. (Capital University)
Field of Specialization: Nursing

Michael James Clifford, Columbus
B.S. (University of Texas)
Field of Specialization: Geology

Susan Stickel Coady, Westerville
B.S. in Ed. (Wittenberg University)
Field of Specialization: Home Economics

Suzanne Uhl Cordrey, Oxford
B.S.Med.Diet.
Field of Specialization: Allied Medicine

Joan Cummins, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Phyllis Rene Curl, Houston, Tex.
B.S.Nurs. (Dillard University)
Field of Specialization: Nursing

Richard Russell Daniel, Bradford
B.Met.E.
Field of Specialization: Metallurgical Engineering

Joel Ziegler Dawson, Columbus
B.A. (Miami University)
Field of Specialization: Natural Resources

Fernando Rodrigues DeCarvalho,
Rio de Janeiro, Brazil
Engenheiro Geografo (Institute Militar de Engenharia)
Field of Specialization: Geodetic Science

Wayne Calvin Dilling, North Canton
B.S. (Ohio University)
Field of Specialization: Computer and Information Science

Loretta Marie Di Vecchia,
West Aliquippa, Pa.
B.A. (Carlow College)
Field of Specialization: Medical Microbiology

Robert Charles Doehler,
West Seneca, N. Y.
B.S.Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

William Paul Dornsife, Ashland, Pa.
B.S. (United States Naval Academy)
Field of Specialization: Nuclear Engineering

John Joseph Dueweke, Dayton
B.M.E. (University of Detroit)
Field of Specialization: Aeronautical and Astronautical Engineering

Jay Allan Estabrook,
Saratoga Springs, N. Y.
B.S. (Tufts University)
Field of Specialization: Computer and Information Science

John Milton Evans, New Carlisle
B.S.Agr.
Field of Specialization: Horticulture

Edward Harold Fairchild, Medway
B.S. (Wright State University)
Field of Specialization: Pharmacy

David Lee Fawcett, Gambier
B.S. (Oklahoma State University)
Field of Specialization: Agricultural Economics and Rural Sociology

Philip Francis Federle,
Cincinnati
B.S.
Field of Specialization: Entomology

Richard Craig Fendrick, Columbus
B.S.Agr.
Field of Specialization: Animal Science

Helen Marie Ference, Youngstown
B.S. (Youngstown State University)
Field of Specialization: Nursing

Carol Bracken Fidler, Cuyahoga Falls
B.S. in A. and S. (Kent State University)
Field of Specialization: Preventive Medicine

Albert Ray Fish, Caro, Mich.
B.S. (University of Michigan)
Field of Specialization: Computer and Information Science

Robert Vance Foutz, Dover
B.A. (Yale University)
Field of Specialization: Statistics

Kenneth Howard Fuhr,
Greenfield, Ind.
A.B. (Augustana College)
Field of Specialization: Chemistry

Timothy Austin Furbay, Canton
B.S. (Heidelberg College)
Field of Specialization: Preventive Medicine

Mildred Battle Gardner,
Columbus, Ga.
B.S. (Albany State College, Georgia)
Field of Specialization: Nursing

Felix Okey Glover, Fairborn
B.S.E.E. (West Virginia University)
Field of Specialization: Electrical Engineering

Rajendra Mohan Gupta, Agra, India
B.Sc., M.Sc. (Agra University)
Field of Specialization: Geodetic Science

David Lee Guthrie, Columbus
B.S.Agr.
Field of Specialization: Civil
Engineering

Donna Jo Harbold,
Huntington, W. Va.
B.S. (University of Oklahoma)
Field of Specialization: Computer
and Information Science

Joseph Burl Harvey, West Mansfield
B.S.Ed.
Field of Specialization: Botany

Jam:s Michael Heilman, New Carlisle
B.S.Agr.
Field of Specialization: Natural
Resources

Mary Jane Heintz, Columbus
B.S. (Capital University)
Field of Specialization: Nursing

Tommy Burnett Henderson,
Texarkana, Tex.
B.A. (University of Texas)
Field of Specialization: Computer
and Information Science

Louis Stephen Henefeld,
Miramar, Fla.
B.S. (University of Notre Dame)
Field of Specialization: Computer
and Information Science

Pamela Ames Hershberger, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Gary Ernest Hoam, Mt. Gilead
B.Ch.E.
Field of Specialization: Chemical
Engineering

Doris Stanley Holeman,
Columbus, Ga.
B.S. (Albany State College, Georgia)
Field of Specialization: Nursing

Daniel Brewster Holmes, Dayton
B.A. (Colorado College); M.B.A.
(University of Michigan)
Field of Specialization: Computer
and Information Science

Doris Emily Holmok, Cleveland
B.S.Nurs. (Case Western Reserve
University)
Field of Specialization: Nursing

James Daniel Hone, Jr., Columbus
B.S.Food Tech.
Field of Specialization: Animal
Science

Susan Burkart Hornung,
Beachwood, N. J.
B.S. (Saint Lawrence University)
Field of Specialization: Entomology

Mei-lin Marina Hsieh, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Entomology

Chung Der Huang,
Kaohsiung, Taiwan
B.S. (Taiwan Province Chung Hsing
University)
Field of Specialization: Entomology

Don Allen Irons, Jr., Columbus
B.S. in E.E. (University of Florida)
Field of Specialization: Electrical
Engineering

Karen Kanke James, Reynoldsburg
B.S.Mod.Tech.
Field of Specialization: Pathology

Chander Shekhar Joshi, Punjab, India
B.S.,M.S. (Agra University)
Field of Specialization: Geodetic
Science

Susan Swonger Kamps, Columbus
B.S.
Field of Specialization: Zoology

Robert Edward Karnak, Cleveland
B.S. (Cleveland State University)
Field of Specialization: Entomology

Cynthia Jean Kayer, Pomona, Calif.
B.S.Nurs. (University of California,
Los Angeles)
Field of Specialization: Nursing

Camille Marie Kelly, Columbus
B.S. (University of Alberta)
Field of Specialization: Physiological
Chemistry

Richard Allen Kershaw, Euclid
B.S.
Field of Specialization: Chemistry

Wai Lee Ko, Dayton
B.S.E.E.
Field of Specialization: Electrical
Engineering

Jerry Dale Koch, Garfield Heights
B.S. (Case Western Reserve
University)
Field of Specialization: Mathematics

Kap Hoi Koo, Chunpuk, Korea
B.Animal Husbandry, M.S. (Kon Kuk
University)
Field of Specialization: Dairy
Technology

Alan Edward Kramarz, Seven Hills
B.A. (Hiram College)
Field of Specialization: Computer and
Information Science

Benny C Kwong, Columbus
B.S. (Mapua Institute of Technology,
Philippines)
Field of Specialization: Chemical
Engineering

*Steven Karl Leavitt, Troy
Field of Specialization: Civil
Engineering

Buil Wing Lee, Columbus
B.S.E.E.
Field of Specialization: Electrical
Engineering

Thomas Leroy Lehman, West Liberty
B.S.Agr.
Field of Specialization: Agricultural
Economics and Rural Sociology

Michael Francis Lemanski, Cleveland
B.S. (University of Dayton)
Field of Specialization: Chemistry

*William H. Lewis, III,
Newburgh, N. Y.
Field of Specialization: Civil
Engineering

Wen-Len Li, Taipei, Taiwan
B.S.E. (Taiwan Cheng Kung
University)
Field of Specialization: Civil
Engineering

Leonard Marvin Luchsinger,
Hamilton
B.S. (University of Pittsburgh)
Field of Specialization: Allied
Medicine

Rogelio de Leon Luis,
Quezon City, Philippines
B.S. (United States Military
Academy); B.S. (Polytechnic College,
Philippines)
Field of Specialization: Civil
Engineering

John Victor Lundberg, Mars, Pa.
B.S. (Case Western Reserve
University)
Field of Specialization: Electrical
Engineering

Linda Jean Lutz, Cincinnati
B.S.N. (University of Cincinnati)
Field of Specialization: Nursing

William Henry Lutz, Nankin
B.S.C.E.
Field of Specialization: Civil
Engineering

Wilma Jean Vargo Lutz, Columbus
B.S.Nurs.
Field of Specialization: Nursing

David Ray Lynd, Ironton
B.S.C.E.
Field of Specialization: Civil
Engineering

* Also Bachelor of Civil Engineering,
College of Engineering

James Lewis Mace, Bonners Ferry, Id.
B.S.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Ashok Chunilal Masand, Lyndhurst
B.S. (Punjab Engineering College,
India)
Field of Specialization: Mechanical
Engineering

Anna Marie Mascio, Garfield Heights
B.S. (Saint John College of
Cleveland)
Field of Specialization: Nursing

David Arvine Mayhew, St. Clairsville
A.B. (West Liberty State College)
Field of Specialization: Natural
Resources

Dennis Lee McGarry, Lewisville
B.Met.E.
Field of Specialization: Metallurgical
Engineering

Denise Patricia McIntyre,
St. Paul, Minn.
B.G.S. (University of Nebraska)
Field of Specialization: Allied
Medicine

Muriel Mitchell, Baltimore, Md.
B.A. (Wittenberg University)
Field of Specialization: Medical
Microbiology

Darryl Edward Moravek, Pickerington
B.S.E.E.
Field of Specialization: Electrical
Engineering

James William Morgan, Columbus
B.S.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Charles Raymond Morin, Columbus
B.Met.E.
Field of Specialization: Metallurgical
Engineering

Alice Walters Noll, Fostoria
B.S.Nurs.
Field of Specialization: Nursing

John Arthur Nordberg,
Harrisburg, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Geodetic
Science

Iris Clark O'Connor, Zanesville
B.S. (North Carolina State
University at Raleigh)
Field of Specialization: Computer
and Information Science

Martin Robert Okos, Sylvania
B.S.Food Tech.
Field of Specialization: Chemical
Engineering

Richard Vincent Olson, Parma
B.S. (University of Dayton)
Field of Specialization: Computer
and Information Science

Hector Eduardo Otheguy,
Buenos Aires, Argentina
Licenceade (Universidad Nacional de
Cuyo)
Field of Specialization: Physics

Ronald Lee Overmyer, Oak Harbor
B.S.Agr.
Field of Specialization: Agricultural
Education

Susan Dale Parsons, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Pathology

Ian Leonard Pepper,
Birmingham, England
B.Sc. (University of Birmingham)
Field of Specialization: Agronomy

Terry Irvin Phillips, Dayton
B.B.A., B.S.E.E. (Kansas State
University)
Field of Specialization: Electrical
Engineering

Donald Bryant Pies, Dallas, Tex.
B.S.M.E. (Texas Technological
College)
Field of Specialization: Mechanical
Engineering

Ananda Kumar Praturi,
Vijayawada, India
B.Tech., M.Tech. (Andhra University)
Field of Specialization: Chemical
Engineering

William Quan, San Francisco, Calif.
B.S. (University of California at
Berkeley)
Field of Specialization: Chemistry

Ronald Boyd Ransom, Ashland
B.Ch.E.
Field of Specialization: Chemical
Engineering

Gregory Jeff Remy, Portsmouth
B.S.
Field of Specialization: Computer and
Information Science

Elizabeth Auldridge Rolston,
Columbus
A.B. (West Virginia University)
Field of Specialization: Home
Economics

Ruth Juanita Ross,
Mound Bayou, Miss.
B.S.Nurs. (Tuskegee Institute)
Field of Specialization: Nursing

Lawrence Day Rowe, West Union
D.V.M.
Field of Specialization: Veterinary
Physiology and Pharmacology

Thomas Joseph Rusnak, Parma
B.Ch.E.
Field of Specialization: Chemical
Engineering

Robert Allen Saftner, Glenshaw, Pa.
B.A. (Slippery Rock State College)
Field of Specialization: Botany

Sister Mary Dolores Sax,
Antigonish, N. S., Canada
B.S. (Saint Francis Xavier
University)
Field of Specialization: Home
Economics

*Dennis James Schumaker,
Port Clinton
Field of Specialization: Nuclear
Engineering

Madeline Lee Brummer Shay,
Lynbrook, N. Y.
B.A. (Case Western Reserve
University)
Field of Specialization: Medical
Microbiology

Gerald Brian Shearer,
Lake Grove, Ore.
B.S. (Portland State College)
Field of Specialization: Geology

Marc Hillary Silverman, Columbus
B.S.C.I.S.
Field of Specialization: Computer and
Information Science

Charles George Simon, Dayton
B.S. (Wright State University)
Field of Specialization: Physics

Elaine Cecilia Siwiec, Brooklyn, N. Y.
B.A. (Saint Joseph's College for
Women)
Field of Specialization: Chemistry

James Charles Skeeles, Sullivan
B.S.Agr.
Field of Specialization: Agricultural
Education

Ernest Charles Smith, Sherrodsville
B.S.Agr.
Field of Specialization: Agricultural
Education

Joan Ericson Smoot, Delaware
B.A. (Ohio Wesleyan University)
Field of Specialization: Mathematics

* Also Bachelor of Mechanical Engineering,
College of Engineering

Andrew Chanho Sonu, Seoul, Korea
B.S. (University of California at Berkeley)
Field of Specialization: Electrical Engineering

Richard Lynn Spar, Lima
B.A. (Kent State University)
Field of Specialization: Agricultural Economics and Rural Sociology

Rebecca Sue Staley, Lima
B.S.Ed.
Field of Specialization: Computer and Information Science

Willard Stamper, Jr., Caledonia
B.S. (Otterbein College)
Field of Specialization: Microbiology

Donald Ray Stickle, Canton
B.Met.E.
Field of Specialization: Metallurgical Engineering

Thomas Carroll Stilwell, Piqua
B.S.Agr.
Field of Specialization: Agronomy

Charles Ellsworth Stock, Columbus
B.S.Ed.
Field of Specialization: Agricultural Economics and Rural Sociology

Robert Peter Stone, Cleveland
B.S. (Purdue University); M.S.
Field of Specialization: Preventive Medicine

Susan Evelyn Stuart, Canton
B.S.Nurs. (University of Cincinnati)
Field of Specialization: Nursing

Richard V. Telsoni, Lorain
B.S. (Rutgers-The State University)
Field of Specialization: Poultry Science

Cho-fong To, Hong Kong
B.S. (Chung Chi College); M.S. (University of South Carolina)
Field of Specialization: Computer and Information Science

Emmanuel Tsimis, Thessaloniki, Greece
Diploma (University of Thessaloniki); M.S. (State University of New York at Stony Brook)
Field of Specialization: Geodetic Science

David Alan Waggoner, Youngstown
B.S. (Mount Union College)
Field of Specialization: Biochemistry

Carl Edward Warnes, Ashland
B.S. (Otterbein College)
Field of Specialization: Microbiology

John Louis Weinheimer, Columbus
B.S.Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Sister Mary Louisita Welsh, Columbus
B.S. (Saint Mary's College, Indiana)
Field of Specialization: Nursing

Carol Sue Wharton, Parkersburg, W. Va.
B.A. (Marshall University)
Field of Specialization: Agricultural Economics and Rural Sociology

Laureen Brothers Wilderman, Columbus
B.S.H.E.
Field of Specialization: Home Economics

Susan Jean Will, Columbus
B.S.Nurs. (Capital University)
Field of Specialization: Nursing

Alzora Ruth Williams, New York, N. Y.
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Nursing

Alona Faye Winbush, Baton Rouge, La.
B.S. (Southern University and Agricultural and Mechanical College)
Field of Specialization: Computer and Information Science

Fredric Barry Winer, Kenmore, N. Y.
B.A. (State University of New York at Buffalo)
Field of Specialization: Chemistry

Harold Richard Wood, Columbus
B.S. (Denison University); M.S.
Field of Specialization: Nuclear Engineering

Cathy Joan Wright, Holliston, Mass.
B.S.Ed. (University of Maine)
Field of Specialization: Agricultural Economics and Rural Sociology

Catherine Anne Yee, Detroit, Mich.
B.S. (University of Detroit)
Field of Specialization: Computer and Information Science

James Yung Shao Yeh, Taipei, Taiwan
B.S.E. (Cheng Kung University)
Field of Specialization: Electrical Engineering

Akihito Yoshida, Tokyo, Japan
B.E. (Waseda University)
Field of Specialization: Computer and Information Science

Suk Chol Yun, Seoul, Korea
B. of Econ. (Seoul National University)
Field of Specialization: Agricultural Economics and Rural Sociology

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Richard Bohning
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: Lee Rigbsy

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

College of the Arts

Dean: Lee Rigbsy

Bachelor of Arts

Seven candidates

Patricia Jo Feiss, Seven Hills
Patricia Sue Heideman, Cincinnati
Ann Louise Hoeland, Dayton
Peggy Marlene Pyles, Cedarville
Randolph William Reed, Columbus
John Christopher Ross, Columbus
Judith Margaret Ross, Worthington

Bachelor of Fine Arts

Twenty-three candidates

Bronwyn Ann Allison, Cuyahoga Falls
Elaine Kay Biagi, Schenectady, N. Y.
Barbara Ann Bromley, Columbus
Robin Lee Chestnut, Columbus
Lauralyn Ehrman, Akron
William Frank Hoelcher, Westerville
Katherine Louise Kientz, Columbus
Leslie Allen Lemley, Columbus
Mark Harry Melnek, Woodville
Dominique Dinouart Mintz, Columbus
Erin Kathleen Moloney, Columbus
Marc James Montell, Columbus
Georgianna Mary Newton, Syracuse, N. Y.
Barbara Jo O'Banion, Kettering

Robert John Oktabetz, Cleveland
Jack Lee Perez, Miami, Fla.
Robert W. Sales, Canton
Kathleen Jo Satterfield, West Union
Suzan Katherine Scianamblo, Kettering
Nancy Mae Sullivan, Columbus
Axel Gerd-Rainer Von Kaenel, Marion
Christine Lynn Woodten, Rocky River
*Kathryn Jo Yarrington, Blacklick

Bachelor of Music

Four candidates

Sharon Combs Davis, Columbus
Gary Lee Eby, Columbus
**Karen Jean Kartsimas, Columbus
Patricia Ann Kelley, St. Petersburg, Fla.

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education
Candidates are listed on page 31

Bachelor of Science in Industrial Design

Two candidates

Paul Franklin Brown, Chillicothe
Howard John Skubovius, Parma

College of Biological Sciences

Dean: Richard Bohning

Bachelor of Science

Thirty-six candidates

Michael Blaine Allison, Toledo
James Scott Baughman, Columbus
Steven James Bolland, Cincinnati
Timothy Allen Bowling, Hamilton
Katrina Marie Brooks, Columbus
Roderick Bruce Campbell, Columbus
Charles Vito Caponigro, Cleveland
Frank Ramon Carroll, Columbus
Donn Leslie Davids, Columbus
Ronald Charles Detmer, Xenia

Carol Jean Foltz, Galion
Paul Michael Gloski, Cleveland
Gary Glenn Granau, Canton
Richard Edward Hand, Columbus
Timothy George Helentjaris, Medway
Gerald Bruce Jones, Westerville
Steven Donald Jones, Columbus
Janet Rush Lang, Columbus
Nancy Carol Lohrey, Cleveland
Thomas Richard MacGregor, Sandusky
Dennis Owen McIntyre, Elyria
Benedict Joseph Messana, Columbus
William Elliott Meyers, Columbus
Raphael Ellis Neighbarger, Mt. Vernon
Michael Anthony Pentella, Canton
Perene Matyas Relle, Columbus
Richard Lewis Rigatti, Jr., Columbus
David Lee Sands, Newark
John Michael Seelig, Columbus
James Lee Shellhaas, Columbus
Larry Eugene Sluss, North Canton
George August Smedley, III, Cincinnati
Beatrice Ann Weaver, Columbus
Brian Craig Williamson, Proctorville
Susan Kay Woodruff, Akron
Arthur Andrew Wulffhop, Putnam Valley, N. Y.

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Sixty-five candidates

Lewis Jay Agin, Columbus
Mary Alice Bailey, Toledo
Stuart Thomas Barasch, Whitestone, N. Y.
Frances Kathryn Baskin, Columbus
Lawrence William Betz, Columbus
Kenneth Aubrey Borokhovich, Bethel
Claudette Yvonne Boveine, Columbus
Michael Jefferson Bryan, Portsmouth
Janet Marie Bussert, Lithopolis
Gregory Neil Butler, Mansfield
John Paul Caserta, Burlington, Mass.
Boris Charlanow, Waverly, N. Y.
Florence Louise Coffy, Carrollton
Teresa Ann Colston, Columbus

* Also Bachelor of Art Education, College of Education

** Also Bachelor of Music Education, College of Education

David William Corbally, Columbus
 Stephen Edward Cross, Portsmouth
 James Melton Cutter, Columbus
 Stephen Francis Dattalo, Columbus
 Larry Keith Delaney, Xenia
 Dennis Jay Deppen, Findlay
 James Robert Downard, Wellston
 Bonnie Jean Freda, Columbus
 Gregg Elliott Friedberg, Columbus
 Diana Neal Galbreath, Columbus
 John Joseph Gossett, Columbus
 Douglas Jack Haubert, Alliance
 Albert Maurice Hiser, Fostoria
 Steven Lee Holtschulte, Columbus
 Robert William Johnson, II, Columbus
 Susan Belinda Keasey, Granville
 Joan Gracia Kotker, Worthington
 William Terry Krueger,
 Mayfield Heights
 Michael Anthony Langianese,
 Cincinnati
 Linda Jean Larson, Chagrin Falls
 Marta Wendy Lazar, Glenwood, Ill.
 Joyce Weinstein Levin, Columbus
 Barbara Pracht MacArthur, Defiance
 *Joanne Mase, Columbus
 Ronda Frances Matlow, Cleveland
 Edward Austin McSweeney, Columbus
 Carey Sanford Miller,
 University Heights
 Frances Jane Movitz,
 Grand Rapids, Mich.
 Susan Melissa Murray, Columbus
 Daisy Lou Ouwelen, Orange, Conn.
 Patti Louise Overholt, Columbus
 Ward Barton Perley, Jr., Columbus
 Beth Pollack, Roslyn Heights, N. Y.
 John Gregory Precht, Wauseon
 Jeanne Marie Rhode, Columbus
 David L. Rice, Coshocton
 Clayton Stuart Russell, Jr., Tiffin
 Steven Harvey Seidman, Cleveland
 Marc Allen Spurgeon, Defiance
 Robert Allen Stein, Jr., Columbus
 Nancy Ann Stemmer, Cincinnati
 Lauren Corliss Stevens, Cincinnati
 Jon Anthony Streaty, Columbus
 John Kevin Sullivan, Springfield
 David Lee Swickard, Newark
 Stephen Ellsworth Teeters, Groveport
 Stephen Edward Vlahovich,
 Oakes, N. D.
 *Charles Herbert Waterman, Dayton
 Stephanie Rose Way, Pittsburgh, Pa.
 Donald Glen Worly, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Three candidates

Timothy Robert Andeen, Springfield
 Jerry Noell Doegen, Columbus
 Patricia Gabriel Salisbury, Columbus

Bachelor of Science

Twenty-nine candidates

Ronald Terry Albright, Columbus
 Mark Dennis Borrelli, Cleveland
 Gerald Glen Bozard, Conneaut
 Thomas Leeper Burgett, Columbus
 Dinh Can, Saigon, Vietnam
 William Preston Cramsie, Columbus
 John Samuel Croft, Columbus
 David Ray Erickson, Columbus
 Jeffrey Hunter Franklin, Columbus
 Richard Milton Grossman,
 Youngstown
 Gregory Blair Howard, Columbus
 Leslie Gay Jamison, Worthington
 Byron Ronald Johnson, Westerville
 Dennis David Knowles, Columbus
 John Alexander Konderson, Parma
 Kenneth Paul Mathews, Newark
 Arthur Anthony Mendicino, Parma
 Daniel Ariand Meyer, Jr., Akron
 Michael Jay Morgal, Dix Hills, N. Y.
 John Bennett Nelson, Willard
 Ronald Andrew Patak, Poland
 Christine Annette Riner, Columbus
 Mario Soliz, San Antonio, Tex.
 Robert Michael Stark, Columbus
 Joseph Francis Stranges, III,
 Columbus
 Henry Hermanus Van Es,
 San Francisco, Calif.
 Michael Thomas Waugh, Columbus
 Vaughn Paul Wendland, Huron
 Anthony Wendell Zerges, Cincinnati

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bachelor of Arts

One hundred and forty-three candidates

Donald Joseph Abate,
 Richmond Heights

Coleen Hathaway Ackerman,
 Columbus
 Richard Earl Adams, Columbus
 Ann Elaine Allen, Minerva
 Charles Thomas Barker, Mansfield
 Helen Lee Mecklenburg Barkhurst,
 Hartford City, Ind.
 Michael William Baumann, Columbus
 Roger Allen Bloom, Oak Harbor
 Camilla Bowens, Columbus
 Susan Houle Branham, Columbus
 David Lowell Brown, Troy
 Kathryn Joy McClain Brown,
 Columbus
 Sharon Beth Brown, Marysville
 Marjorie Merle Burnett,
 Covina, Calif.
 Donald Anthony Burns, Columbus
 Dennis Quint Cahn, Shaker Heights
 Linda Suzanne Cheugh, Columbus
 Robert Jeff Chrisman, Columbus
 David Gehring Christman, Hamilton
 Stephen Painter Close, Columbus
 John Charles Cochran, Columbus
 Harvey Lynn Cohen,
 University Heights
 Lynda Robbins Cohen, Englewood
 Marilyn Jeanne Cohodas, Youngstown
 Deborah Sue Conrad, Marysville
 Steven Elliot Coon, Shaker Heights
 Susan Kathleen Cooper, Lima
 Daniel Byron Courtney, Fairborn
 Neil Gordon Crawford, Columbus
 Rex Richard Crosby, Columbus
 Phillip John Cykon, Warren
 Kathryn Ann Daley, Cincinnati
 Adam Michael Dalmay, Columbus
 Lonny Charles Danchik,
 Cleveland Heights
 Kathryn Youel Davis, Columbus
 Cynthia Sue de Vries, Columbus
 Leon Edward Dobkowski,
 Westville, N. J.
 John Brian Donahue, Columbus
 Harry Dreier, Plainfield, N. J.
 Douglas Reed Elliott, Jr., Columbus
 Thomas Wantz Elliott,
 Cleveland Heights
 Charles Richard Fischman,
 West Orange, N. J.
 David Michael Flowers, Galion
 Ron Eddie Foy, Columbus
 Jerome Edward Friedman, Cleveland
 Douglas Swanson Fuller, Columbus
 Patricia Sue Furney, Columbus
 James Adrian Gaskill, Columbus
 Joan Gazonas, Trenton, N. J.
 Douglas Charles Gentile, Columbus

* Also Bachelor of Science in Education,
 College of Education

Eric Gregg Gibbs, Jr., Columbus
 Brenda Lou Gibson, Pataskala
 Michael Alan Goodleman, Toledo
 Lauren Gae Greenberg,
 Shaker Heights
 Edwin Leigh Griffin, Portsmouth
 John Freeland Gump, Newcomerstown
 Dennis Patrick Hackett, Cincinnati
 Mary Suzanne Haley, Columbus
 Deborah Lynn Haller, Columbus
 John Harvey Hamilton, Worthington
 Thomas Arthur Hanson, Alliance
 Susan Elaine Hendrickson, Columbus
 Juanita May Henschen,
 Jackson Center
 Michael Joseph Hessell, Columbus
 Sherry Ann Hixson,
 Newport Richey, Fla.
 Scott Charles Hover, Parma
 Jack Jacobs, University Heights
 William Douglas Kalfs, Waverly
 Gary Wayne Kay, Berea
 Henry William Kishman, Vermilion
 Norman Dean Kohl, Jr.,
 Charlotte, N. C.
 Mark Wallace Lappen, Columbus
 William Joseph Lavin,
 Middletown, R. I.
 Barry David Levy, Cincinnati
 Suzanne Lindsey, Dennison
 Shelby Leigh Link, Grove City
 Andrew Donald Logan, Kinsman
 Bruce Constantine Lowrie, Columbus
 Terry James Lukuch, Columbus
 Robert Makay, Columbus
 Wayne Robert Malaney, Cincinnati
 John Wallace Manning, Jr., Lakewood
 Joyce Ann Maurer, Columbus
 Mary Alsip McCall, Tiffin
 Noel Valentine McCaman, Barberton
 Richard Rex McDermitt, Gahanna
 Janet Margolis McKillip, Lorain
 Cynthia Ann McPhail, Cincinnati
 Michael Kay Melton, Alexandria, Va.
 Rod Preston Michel, Bellefontaine
 Mark Orlo Miller, Delphos
 Karen Sue Mounts, Columbus
 Linda Pearl Nauman, Delaware
 Stephen Edward Newhouse, Columbus
 Edward Lee Nieberding, Dayton
 Carol Michaels Nunnally, Columbus
 Eric Leo Nurmi, Euclid
 Nancy Ellen Ours,
 South Charleston, W. Va.
 Deborah Charles Paine,
 Washington, D. C.
 Fred Anthony Pappas, Columbus
 Cynthia Jeanne Patterson,
 Kirtland Hills
 Tracey Lee Percival, Kettering

Ronald Frederick Pollack,
 South Euclid
 William James Powers, Columbus
 Janine Elouise Rapp, Columbus
 James Richard Reelhorn, Pataskala
 Robert Dale Reid, Youngstown
 Dallas Curtis Ridge, Girard
 Shelley Ann Robinson, Beachwood
 Irl David Rubin, Cleveland
 James Thomas Ryan, Auburn, N. Y.
 Albert Richard Sciarappa, Cincinnati
 William David Seader, Merrick, N. Y.
 John Theodore Shear, Bay Village
 Mark Joseph Sholtis, Boardman
 Anne Deborah Simon,
 Little Neck, N. Y.
 Frank Soellner, Wauseon
 Patrick Rae Story, Pomeroy
 Robert William Sullivan, Youngstown
 Dale Joseph Sungy, Columbus
 Pamela Melissa Tefft, Columbus
 James Allen Thigpen, Columbus
 Kent Angel Trifon, Kettering
 Deanna Louise Troknya, Toledo
 Randall Lee Turner, Hamilton
 Beth Lee Urich, Medina
 Mary Nash VanMeter, Granville
 Patrick Timothy Vaughan, Columbus
 Damian Joseph Vercillo, Ashland
 Carole Ann Wagan, Akron
 William Oden Watson, Columbus
 Gloria Jane Webster, Medina
 Curt Frederick Weimer, Loudonville
 Susan Rita Wexner, Columbus
 Reyman David White, Gallipolis
 Beverly Geraldine Wilhelm,
 Pittsburgh, Pa.
 Frank Dixon Williams, Perrysburg
 David Hilton Wilson, III, Perrysburg
 Stephen Alan Wynn, Mansfield
 Peggy Kerschensteiner Yerke,
 New Albany
 James Michael Young, Middletown
 Ronald Henry Zdrojewski, Brook Park
 Jeffrey Alan Ziegler, Toledo

Bachelor of Science

Twenty-five candidates

Jeannine Niswander Ashton,
 Columbus
 Alan David Bernstein,
 Shaker Heights
 Jennifer Cox Brook,
 Havre-de-Grace, Md.
 Keith Edward Byers, Akron
 Donald Leroy Geisman, Jr., Van Wert
 Ronald Alan Greenfield,
 McKeesport, Pa.

Richard David Griffin, Canfield
 Stephen William Jerwers, Lima
 John Robert Johnston, Cleveland
 Robert Wilbur Jones, Columbus
 Robert Joseph Kolacki, Toledo
 John William Kuhn, Parma Heights
 Peter Stanley Lawton, Snyder, N. Y.
 Rodney Keane Lowe, Dayton
 Patrick George Maughan, Columbus
 Kathleen Linda McGlone, Steubenville
 Kenneth Alan Nightingale, Windsor
 Janice Zupan Nordstrom, Ashland
 Priscilla Ayn Ridall, Columbus
 Suzanne Irene Sklar, Shreveport, La.
 Todd Bunker Smith, Edina, Minn.
 David Joseph Sommer, Magnolia
 Sandra Kay Weaver, Shelby
 Michael Thomas Wieber, Newark
 Robert Alan Young, Worthington

School of Journalism

Bachelor of Arts in Journalism

Nineteen candidates

Ronna Frances Averbach, Erie, Pa.
 Janet Baldwin, Philadelphia, Pa.
 Robert James Bossart, Columbus
 John Walker Bridenbaugh, Defiance
 Dennis Michael Collins, Newark
 Carol Lane Czup, Columbus
 James Robert Fette,
 San Antonio, Tex.
 Christine Padovani Graves, Columbus
 Roger Lott Hughes, Jr., Clearfield, Pa.
 Seth Edward Jones, Columbus
 Alison Donna Kaplan,
 Middleburg Heights
 Karen Louise Lamoreux, Lakewood
 Thomas Frederick Lindeman,
 Perrysburg
 Jonathan Post Magro, Montgomery
 Charles Brindley Rogers, Columbus
 Stephen Andrew Snapp, Columbus
 John Robert Stewart, Columbus
 Danny Charles Stiltner, Columbus
 Barbara Marianne Tapocsi,
 Maple Heights

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

One hundred and sixty-seven candidates

Robert Joseph Andrews, Jr., Bellevue
Daniel John Archer, Masury
Michael John Arena, Jr., Columbus
Wayne Francis Asmus, Massillon
James Wade Atkins, Marion, N. C.
Terry Earl Baltes, New Weston
Roy MacBride Barber, Jr., Columbus
Howard Kent Berliner, Columbus
Blair Myron Bickel, Massillon
Philip Earl Biedeman, Canfield
Randall Keck Bigum, Springfield, Va.
Nathaniel Preston Bialock, Columbus
William Edward Bottger, Newbury
Gregory Victor Brook,
Rochester, N. Y.
Conrad John Bubis, Jr., Columbus
Robert Lewis Bukovec, Cleveland
John Edward Burr, Newton Falls
Herbert Henry Burton, Columbus
William Allen Cady, Blacklick
Robert McKenzie Carlisle,
Pittsburgh, Pa.
Edward Carl Carpenter, Jr., Newark
Daniel Casparro, Worthington
Gail William Catt, Clinton
Ronald Leslie Chilton, Decatur, Tex.
John Frederick Chynoweth, Newark
Gary Michael Ciprian, Euclid
Larry James Cooke, New London
Berthold Paine Cummins, II,
Columbus
A.B. (Ohio University)
Spencer Wilson Cunningham, Jr.,
Portsmouth
Lawrence Blair Cutlip, Columbus
Charles Conant Daker, Jr.,
Uhrichsville
Carlton Spencer Dargusch, III,
Columbus
Thomas Frank Dascenzo, Columbus
Alfred Ray Davis, Mt. Vernon
John Herbert Davis, Westerville
John Bruce DeMouy, Kensington, Md.
Vincent Russell DeSalvo, Cincinnati
Anthony Eugene DiBlasi, Westerville
Edward Trent Dill, Mansfield
John Thomas Dill, Jamestown
David Lee Dipple, Bellefontaine
Michael Gene DuBois, Cridersville
Eric Curtis Edington, Troy
Daniel Earl Ehlerding, Port William
Jeffrey Paul Eisenman, Columbus
John Thomas Esterheld,
Rochester, N. Y.

Robert Raymond Fenstermaker, Jr.,
Columbus
Geza Louis Ferencz,
University Heights
Michael Paul Fisher, Tiffin
James Norman Fledderjohn,
Columbus
Paul Joseph Ford, Jr., Columbus
James Tucker Foreman, Columbus
James Kenneth Fortman, Ottawa
David Burt Foster, Westlake
Charles Jefferson Fritts, Cincinnati
Robin Lee Fry, Springfield
Larry James Gifford, Newark
David Jerome Golby, Euclid
Dennis Lynn Golko, Lyndhurst
Mark Alan Greene, Fairborn
Edward Elmar Groth, Galion
Joseph Patrick Harrison, Columbus
Joseph Henry Harvey, Ironton
William George Harvey, Fort Loramie
Charles Allan Hawes, Maumee
John Joseph Hegler, Euclid
William Boyd Heinrich, Chardon
Steven Lee Hicks, Dayton
Bruce Lynn Hill, Columbus
Danny Benjamin Hilton, Columbus
Craig R. Hoffheimer, Cincinnati
Robert Louis Holt, Ironton
Joe Horowski, Jr., Cleveland
Leslie Michael Howard, Worthington
Michael Anthony Hoye, Columbus
Daniel Raymond Hurley, Heath
Gary Michael Idzkowski, Toledo
Maris Jende, Kingston
Gregory Bradford Johnson, Columbus
Richard Lynn Jones, Pioneer
Frederick Anthony Karam,
Utica, N. Y.
Sheryl Lynn Katz, Youngstown
David Michael Kimball, Columbus
Ronald Thomas Kimbley, Decatur, Ga.
Stephen Michael King, Columbus
Ronald Irving Klang,
Montgomery, Ala.
Robert Otis Knowles, Toledo
Irene Marie Lakatos, Uniontown
Robert Francis Lепley, Bellevue
Kenneth Jay Light, Shaker Heights
Jeffrey Jamieson Lloyd, Cleveland
Steven Craig Mabry,
Canoga Park, Calif.
Robert Lee Mackey, Shelby
Douglas Lowell Mader,
Pittsburgh, Pa.
Wade Ely Malm, Jr., Willowick
Ronald Clovis Mann, Marion
Robert Matthews, Columbus
William Charles McBride, Mansfield

Karen Sue McCann, Columbus
Dennis Lee McCloskey, Columbus
Duaine Brent McNelly, Columbus
Larry Allen Meade, Piketon
Richard Carl Meara, Columbus
John Thomas Meeks, Columbus
Edward Wayne Melton, Norton
Gary Vernon Meszaros, Columbus
Richard Jennings Miller, Gallipolis
Victor Charles Miller, Cleveland
John Eugene Mollencopf, Crestline
Dennis Paul Mooney, Lima
John Clifford Moorehead, Cincinnati
James Patrick Moriarty, Columbus
Joel Michael Murphy, Clinton, Ia.
Alfred Eugene Navarro, Youngstown
William Earl Noggle, South Lebanon
Kevin Reid Norcross, Berea
Robert Woodrow North, Columbus
Richard Kent Nutter, Lancaster
Frank B. O'Brien, Columbus
Chris Dunlap O'Donnell, Lima
David Uri Paul, Zanesville
James Peter Penman, Cleveland
Charles Stuart Peselnick, Columbus
Frederick Alan Peters, Kettering
Jeffrey Paul Pickrell, Heath
Richard Paul Pimsner, Westlake
Thomas Walter Plank, Columbus
James Robert Powell, Trotwood
Cynthia Ritchie Powrie, Akron
Wayne Alexander Purrett, Radnor
Jack William Ranttila, Warren
David Theodore Reynolds, Cincinnati
Thomas Edward Reynolds, Xenia
Bryce Elwood Richard, Columbus
Paul Andrew Ritchey, Zanesville
Gale Alan Ritchie, Columbus
Donald Gerard Ritley, Shaker Heights
King Solomon Ruffin, Cincinnati
Glenn Christopher Sanders, Columbus
Vickie Diane Sayre, Columbus
Richard Arthur Schnelle, Spencerville
Fred Robert Schram, Massillon
Gary Eugene Schramm, Lima
Donald Gregory Shaffer, Springfield
Robert Milton Shane, Canton
Michael Robert Shiflet, Columbus
David Eugene Sims, Columbus
Samuel Joseph Smith, Lima
Terence Lee Staniszewski, Toledo
Walter Joseph Staudenmaier,
Southampton, N. Y.
Craig Williams Stout, Columbus
Lester Strode, Jr., Canton
James Oliver Swigart, Mansfield
Ernest Gene Taylor, Columbus
Randy Lee Thompson, Granville
Richard Lynn Thompson, Erie, Pa.

College of Agriculture and Home Economics

Dean: Roy M. Kottman

William George Tilly, Lima
Barry Ian Turner, University Heights
Charles Frederick Ward, Columbus
Scott Alan Warner, Dayton
Barry Neil Wells, Akron
Gregory Lynn West, Columbus
Richard Wichouski, Gahanna
Carroll Lee Wilt, Wilmington
Daniel Martin Wisniewski, Parma
Larry Richard Wright, Belle Center
John Dow Wymer, Columbus

School of Social Work

Bachelor of Science in Social Welfare

Sixty-seven candidates

Karen Sue Banks, Cleveland
Marjorie Alice Bartlett, Columbus
Mary Judith Lennon Billet, Cincinnati
Charles Wayne Brown, Columbus
Paul Keith Bukowski,
Rochester, N. Y.
Marilyn Joy Byrne, Dayton
Catherine Klem Crown, Albany, N. Y.
Carol Ann Dana, Newton, Mass.
Vince Jay Davis, Leary, Ga.
Deborah Harnish Dunipace, Dayton
Deane Kathleen Edgington, Dayton
Sharon Lee Epstein, Beachwood
Shelia Washington Fairley, Columbus
Elaine Feigenbaum,
Cleveland Heights
Jack Ira Fox, Cleveland
Francesca Gangidino, Lyndhurst
Barbara Goldman, Shaker Heights
Julie Anna Haanen, Marion
Jeffrey A. Herman, Warren
Diane Suzette Highland, Marion
Marilou Holt, Danville
Linda Ruth Humberger, Elmore
Paul David Jess, Massillon
Stephanie Ann Johnson, Warren
Laura Ives Jones, Buffalo, N. Y.
Rhonda Seward Kellar, Richville
Genevieve Louise Klein, Cleveland
Sandra Storch Knoll, Holgate
Sharon Marie Lenhart, Barberton
James St. Clair Lindholm, Kenton
Marilyn Cele Litvene, Cleveland
Gregory Micheal Markovich, Akron
James Robert Marsh, Jr., Elyria
Thomas Lee McDonough, Crestline
Edward Joseph Merkle, Granville
Susan Zeller Mobley, Rochester, N. Y.
Richard Montgomery, Columbus

Judith Maxwell Morris, Columbus
Patricia Ileen Neill, Bellevue
Anne Dreifus Neubauer, Columbus
Linnea Helene Neuman,
North Royalton
Sharman Marie Pabst, Columbus
Carl John Pambianco, Bellevue
Peggy Lou Parsons, Columbus
Mary Gagen Pickton, Reynoldsburg
Daniel Len Pilder, Cincinnati
James Denton Roberts, Cincinnati
Anne Rogers Robinson, Columbus
Lois Jean Schecter, Columbus
Robert Craig Schirner, Columbus
Carolyn Ann Scott, Mansfield
Gerald Sheldon Seslow,
Mayfield Heights
James Patrick Settlemyre, Lima
David Douglas Sherman, Columbus
Tina Lou Smeltzer, Columbus
Imogene Burr Smith,
Jacksonville, Fla.
Pearl Elizabeth Sowell, Columbus
Richard Dean Sprows, Wooster
Catharine Michaux Stout, Marion
Mary Kathryn Van Balen, Columbus
Jon Patrick Wallace, Rossford
Pamela Ann Walton, Willard
Mary Starkey Wampler, Columbus
Roberta Werner,
North Bellmore, N. Y.
Brenda Elizabeth Wertman,
New Lexington
James Curtis Williams, Columbus
Amy Louise Woodruff, Ashtabula

Bachelor of Science in Agriculture

Eighty-nine candidates

Adam Thomas Abfall, Avon
Beverly Ann Bain, Chillicothe
Denise Raymont Ballinger,
North Canton
Ronald Edward Boehm,
Fredericktown
John Wayne Boyer,
Ashland
Al Cowan Brant, Lebanon
Donald Justin Breece, Delaware
Daryl Jay Bridenbaugh, Pandora
Timothy Paul Broadwell, Felicity
George William Buehner, Euclid
Jon Edward Burgermeister, Columbus
Bruce Meryl Buurma, Willard
George Ben Cardosi, Grove City
Thomas Roland Condit,
Maplewood, N. J.
Gary Loy Condry, Wooster
Frederick Charles Cooke, Shelby
William Ray Coppess, Union City
Donn Lee Cover, Pickerington
Joseph Patrick Croy, Sandusky
Thomas Maurice Cushing, Massillon
Douglas Leslie Davis, Loveland
Marilyn Sue Deal, Columbus
Karen Jean Dillon, Williamsfield
Loela Jayne Edgar, Allison Park, Pa.
Richard Harrison Elliott, Toronto
John Charles Emch, Woodville
Robert Louis Evans, Amsterdam
Doak McKinley Ewing, Cambridge
Robert Vernon Feldwisch,
New Knoxville
Ronald Scott Ferrell, Custar
Ronald Lee Frey, Huron
Roger Lee Grandey, Edgerton
Dennis Lee Grubel, Sycamore
Phillip Douglas Hackenbracht,
Coshocton
Glen Willard Harman, Canton
A.A.S. (State University of New
York, Agricultural and Technical
Colleges at Alfred)
Bill R. Haynes, New Weston
Richard Dennis Heilman, Brunswick
Stephen Dean Hibinger, Gnadenhuetten
Douglas Richard Hill, Piqua
Steven Russell Hiller, Ashland
David Frost Hopkins, Berea
Edward Randall Huff, Worthington
Dale Russell Hupp, Wooster
Paul Bryan Huston, Roseville
Patrick Joseph Hutzel, Loveland
Lonn Everett Jackson, Dayton

Richard Paul Janiga, Eden, N. Y.
A.A.S. (State University of New
York, Agricultural and Technical
Colleges at Alfred)
Kirk Douglas Kadel, Haskins
Robert Eugene Kidd, Columbus Grove
John David Lee, Akron
Norman David Leppert, Galena
B.S.
William Eugene Lindauer,
Waynesville
Louis George Lyras, Campbell
Jan Garner Miller, Elida
Ray Eugene Miller, Holmesville
Thomas A. Miller, Mansfield
Terry Dean Milligan, Caldwell
Thomas Stephen Mizik, Caldwell
Dave Patrick Moorhead, Cincinnati
Larry Charles Munn, Grafton
Laurence Richard Myers, II, Dalton
Timothy David Niemeyer,
Fort Jennings
Gary Lee Overmier, Napoleon
Troy Jesse Parks, Rinard Mills
Charles Howard Patterson, Wooster
Susan Diane Peters, Columbus
Gary Lee Pfeiffer, Oak Harbor
Robert William Pierce, Painesville
Michael Keith Plunkett, Timberlake
Peter John Poll, Galion
John Thomas Poorman, Somerset
Jeffrey John Povolny,
North Olmsted
David Michael Pullins, Quincy
Lawrence Bernard Riesenbergl,
Rossmoyne
Michael Rittinger, Circleville
Thomas Joe Samples, Belpre
Thomas Samuel Schlenker,
Wapakoneta
Jeffrey Earnest Schmitt, Delaware
Stephen Michael Seymour, Columbus
Wayne Allen Short, Archbold
Thomas Wayne Slemmer,
Upper Sandusky
Russel Lee Sword, Ashland
Charles Thomas Trinter, Vermilion
Jeffrey Van Wieren,
Franklin Lakes, N. J.
Jeffrey Charles Vore, Dayton
David Martin Wampler, Jr.,
LaSalle, Mich.
Terry Alan Wheeler, Vermilion
Aileen Luellen Yung, Columbus
Fred Lewis Zollinger, Millersport

Bachelor of Science in Dairy Technology

One candidate

James Scudday Crawford, Jr.,
Allentown, Pa.

Bachelor of Science in Food Technology

Two candidates

Ira Allen Hermann, Boardman
James Joseph Utendorf, Ottawa

Bachelor of Science in Natural Resources

Eight candidates

Richard David Dicks, Jr., Heath
John Arthur Eshenfelder, Columbus
Marvin Ralph Graham, Ostrander
David Eugene Helgeson, Xenia
Constance Miles Kauffman, Covington
David Clyde Keathley, Worthington
Ronald Albert Rubright, Dover
Phillip James Vichosky, Lakewood

School of Home Economics

Bachelor of Science in Home Economics

Thirty candidates

Linda Catherine Barone, Columbus
Barbara Kay Barrick, Johnstown
Catherine Hilliard Beavers,
Goldston, N. C.
Dorothy Unseth Behling, Columbus
Lisa Susanne Boecker, Brecksville
Catherine Mary Boehm, Columbus
Sherryl White Bourgeois, Columbus
Gail Ann Buchy, Greenville
Andrea Jayne Churchill, Englewood
Linda Joyce Crandell, Sylvania
Margaret Hansen Cryder, Kingston
Carolyn Imhoff Duty, Green Camp
Wendy Rosson Grimaldi,
Roslyn, L.I., N. Y.
Sharlee Karen Hiller, Columbus
Loretta Mary Jackson, Cleveland
Hollis Kazdan, Shaker Heights
Sally Jean MacBlane, Columbus
Deborah Lynn Mathews, Mansfield
Sheila Schreck Milligan, Grove City
Barbara Hensel Moore, Fairborn
Judith Ann Moses, Lakewood

Caryl Sargent Peeples, Bradford
Teresa Ann Persichetti, Columbus
Ginger Elaine Pry, Shiloh
Dianna Kandel Reiselt, Plain City
Susan Lee Ruescher, Westerville
Shirley Ann Settlemyre, Lima
Sandy Singer, Pittsburgh, Pa.
Susan Lee Stoll, South Euclid
Judith Lynne Welty, Columbus

Bachelor of Science in Restaurant Management

One candidate

Robert Leo Berardi, Sandusky

* Also Bachelor of Science in Education,
College of Education

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

One candidate

Barbara McDonald Sawka,
Strongsville

Certificate of Graduate Dental Hygienist

One candidate

Melinda Jeannine Asher, Millersburg

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

Three hundred and thirty-five candidates

Mary Bistline Abdalla, Newark
B.A. (Otterbein College) ;
M.A. (Ohio University)
Barbara Lynn Abel, South Euclid
Sharon Elizabeth Acree, Columbus
Frances Jean Acunis, Columbus
Susan Mary Adamescu, Mansfield
Joseph Richard Adams, Columbus
Carlene Jeanette Alexander,
Columbus
Catherine Magdelene Alexander,
Columbus
Joyce Eldine Allen, Lima
Martha Graves Althausen,
Worthington
Timothy Matthew Amann, Columbus
Debra Beth Americus, Pittsburgh, Pa.
Lois Jean Andrea, Mansfield
Thomas Herbert Anthony, Columbus
Edward John Arent, Columbus
B.S.Bus.Adm.
Jacob Julian Ashburn, Sandusky
Gail Ann Asher, Bay Village
Joseph Daniel Azok, Lorain
Linda Skillman Bader, Columbus
Joseph Ralph Baker, Lexington
Vicki Roe Baker, Newark
Judith Ellen Bamer, Parma
James Hughes Barbeau, Jr.,
Columbus
Vicki Ann Barnhouse, Columbus
B.A., Cert.Grad.Dent.Hyg.
Katherine Diane Bassitt, Lima
James Russell Bauer, Lockland
Susan Pampuch Baughman, Columbus
Janice Lee Bauman, Perrysburg
Martha Post Baxter, Fremont
Cert.Grad.Dent.Hyg.
John Terry Beals, Akron
Lenora Ann Beasley,
Philadelphia, Pa.
Daniel Earl Beatson, Hamilton
Donna Sue Becker, Dayton
Constance Elizabeth Biggins, Bellaire
Christine Zehner Billings,
Pickerington
Deborah Kay Booth, Utica
Sandra Caruso Borland, Morral
Margaret Sanford Brelsford,
Cincinnati
Douglas Clinton Brooks, Columbus
Marsha Ann Brooks, Cleveland
Michael David Brown, Springfield
Cynthia Reid Burgess, Perrysburg
Eunice Lovonne Burk, Columbus
Cheryl Ann Burke, Columbus

Robbia Hollis Burstyn,
Old Bridge, N. J.
Rae Dubach Bush, Ashtabula
Cert.Grad.Dent.Hyg.
Susan Irene Buxton, Warsaw
Marilyn Lee Cahn, Cincinnati
Mary Lou Everett Caley, Columbus
John Buel Cannon, Dayton
Eufemio Martin Casanova, Columbus
Bess Deborah Casper,
Englewood, N. J.
Cora Benson Clinard, Marion
William Harmon Clinger, Delphos
Lynne Grether Coleman, Brook Park
John Kenneth Colgrove,
Painesville, B.A., J.D.
Cynthia Ann Collier,
Shaker Heights
Constance Lucille Condon,
Fairview Park
Linda S. Condron, Dayton
Rebecca Ellen Conkle, Lima
James Gilbert Conley, Ithaca, N. Y.
Gloria Gentry Cook, Columbus
Barbara Lynn Corderman, Lima
Suzanne Marie Coyle, Sandusky
Nancy Bobbitt Craig, Lima
Marilyn Jean Crone, Miamisburg
Carolyn Ruth Dalsey, Westmont, N. J.
Collette Davidson, Youngstown
Nial Evans Davis, Columbus
Diana Louise Dean, Macedonia
Myrtle Cramer Dell, Lima
Jean Ann Dilgard, Wooster
Sharon Evans Dodson, Columbus
Mary Lynne Douthitt, Columbus
Mona Kathryn Dove, Columbus
John Lee Dryden, Columbus
Jennifer June Dunn, South Vienna
Cert.Grad.Dent.Hyg.
Barbara Collar Duval, Lima
Lester Lee Eckert, Jr., Mansfield
Aida Vassaux Ehret, Dublin
B.F.A.
Doris Jean Eilerman, Botkins
Karen Frey Evans, Lima
Wesley Richard Fahrback, II,
Fremont
Susan Van Campen Fair, Columbus
Sally Ann Farrar, Middletown
Carol Dean Feaver, Marion
Janet Lynne Fischer, Dover
Evelyn Verne Fishback, Columbus
Shandolia Marie Flagel, Dayton
Cert.Grad.Dent.Hyg.
Marjorie Belt Floro, Mansfield
Linda Settlege Forrest, Columbus
Robert Edgar Fowler, Jr., Columbus

Llewyn Deolia Fowlkes, Columbus
 Diane Marie Friemoth, Ottoville
 Marianne Breckner Gall, Columbus
 Thomas Franklin Gallagher,
 Columbus
 B.A. (DePauw University)
 Mary Christine Garriott, Mansfield
 Lawrence Smith Gay, Columbus
 Lenora Pohl Geckle, Kalida
 Ronald Lynn Geitgey, Dalton
 Mark Paul Gelender,
 Cleveland Heights
 James Howard Randall Goddard,
 Columbus
 Freda Baran Godkin,
 East Meadow, N. Y.
 Sandra Lynn Goetz, Beachwood
 Amy Sue Goldberg, Bellmore, N. Y.
 Mary Irwin Goodman, Columbus
 Nancy Lois Gordon, Plainfield, N. J.
 Cheryl Ling Gray, Loudonville
 Caryn Jo Greenberg, Merrick, N. Y.
 Larry Ray Griggs, Swanton
 Barbara Ann Grimsley, Zanesville
 Rick Ray Grubaugh, Van Wert
 Elaine Vanderhorst Guillozet, Minster
 Sharron Kay Halliday,
 Washington C.H.
 Robert William Hamm, Bucyrus
 Dianne Davis Hampp, Wapakoneta
 Sheila Jean Hanger, Columbus
 Sally Shannon Hanley, Columbus
 Marlene Drummond Harbert,
 Worthington
 Beth McCabe Harding, Franklin
 Edna Jean Harper, Columbus
 Joseph Edward Havranek, Columbus
 Sandra Sue Hawkins, Columbus
 Diane Miller Hedrick, Lima
 William Clabron Hendricks,
 South Euclid
 Robert Stanley Hendrix, Columbus
 Gregory Lee Hergesell, Columbus
 Patricia Boehm Hergesell, Columbus
 Pamela Gibson Heskett, Newark
 Pamela Hicks, Shelby
 Edward James Patrick Hoffman,
 Columbus
 Karen Purdy Hoffmann, Columbus
 Cert.Grad.Dent.Hyg.
 Karlyn Reichenbach Holt, Lima
 Richard Lawrence Hone, Venedocia
 Victoria Sparling Hoover,
 Worthington
 Roberta Horowitz,
 East Windsor, N. J.
 Andrea Cropper Hovanek,
 Wheelersburg

James Lee Huber, Columbus
 Diana Zimmerman Hurlow, Galion
 Janet Marie Jenny, Grove City
 Barbara Susan Jobe, Detroit, Mich.
 Charles Edward Justus, Grove City
 Allen George Kadlec, Columbus
 Robert Abel Kaiser, Milan
 Steven Thomas Kanable, Bucyrus
 Barbara Hatfield Kaplan, Columbus
 Victoria Louise Kasler, Columbus
 Dennis Wade Kauffman, Beach City
 Gary Lee Kaufman,
 Broadview Heights
 Kathleen Loretta Kaye, Brecksville
 Cert.Grad.Dent.Hyg.
 Judy Lynn Keefer, Columbus
 Donna Pasig Keener, West Salem
 John Edward Keir, Columbus
 Kathleen Miriam Kennedy,
 Columbus
 Deborah Eppley Kent, Columbus
 Collin Marvin Kinsey, East Liverpool
 Gary Kiracofe, Gratis
 Caryl Lynne Klein, Cincinnati
 Ronald James Knape, Lima
 Ann Loraine Kobilaresik, Wooster
 Cert.Grad.Dent.Hyg.
 Louis James Komives, Columbus
 Matthew Alex Kowalski, Parma
 Suzanne Marie Kozen, Youngstown
 Janet Marie Krawetz, Cleveland
 Stephen Charles Kraynak, Cleveland
 Marcia Kay Krill, Edgerton
 James Randal Krischak, Hilliard
 Dianne Lynn Krug, Wyomissing, Pa.
 Nancy Colflesh Lafferty, Delaware
 Violet Salzgeber Lamb, Columbus
 Bradley Jay Lathwell, Lorain
 Samuel Lauar, Youngstown
 Christine Rubart Law, Columbus
 Donna Converse Lawrence, Marion
 Shelley Sue Lebovitz, Wooster
 Carla Anne Marie Ledbetter,
 Columbus
 Lonnie Lee Lehman, Lima
 Roni Michele Lesser,
 Douglaston, N. Y.
 Kathryn Vinton Levan, Bellefontaine
 Nancy Jane Levine,
 Fort Lauderdale, Fla.
 Jean Siegel Levinstone, Columbus
 Hindi Lee Lichtenstein, Columbus
 Brenda Annette Littleton, Marion
 Christine Anne Lowe, Columbus
 John Edmund Lucas, Columbus
 Tui Yone Ma, Columbus
 William Edgar Mabe, Columbus
 Lewis Daniel Markin, III, Columbus
 Linda Sue Martin, Mansfield

Karol Lynn Martz, Hudson
 Joanne Mase, Columbus
 Martha Ann Matthews, Pitscairn, Pa.
 Marilyn Carol Mauck, Worthington
 Charlotte Anne Maxsom,
 Lewiston, N. Y.
 Kathleen Ann McAdams, Delaware
 Kathy Jean McCarren, Columbus
 Bonnie Lou McDonald, Louisville
 Kathleen Eippert McGuire, Marion
 Luanna McIntosh, Cheshire
 Patricia Ann McKnight, Marion
 William Harlan McLaughlin, Bucyrus
 Patricia Elaine Melton, Columbus
 Bennie Randall Merritt, Alger
 Cheryl Lyn Miller, Marion
 Dennis Vincent Miller, Delphos
 Janet Pearl Miller, Cleveland
 Robert Henry Miller, Cleveland
 Kathy Braden Mirra, Heath
 Judith Kinds Morgan, Columbus
 Donna Jean Morrison, Copley
 Cynthia Sue Morrow, Mansfield
 Lenita Geiger Mullin, Columbus
 Cert.Grad.Dent.Hyg.
 Pamela Ann Murphy, Springfield
 Cert.Grad.Dent.Hyg.
 Larry Lee Nelson, Columbus
 Nancy Catherine Nickel, Warren
 Grace Gaeta Nunn, Columbus
 Patricia Ann Nyeste, Columbus
 Sharon O'Connor, Columbus
 Deborah Jane O'Dell, Portsmouth
 Janet Hribar Ongert, Parma Heights
 Jean Morrison Oram, Columbus
 Laurel Berk Ordin, Shaker Heights
 Gary Lee Parker, Nevada
 Douglas William Pauley, Gahanna
 Thomas Steven Peet, Galena
 Michael Dean Penn, Mt. Gilead
 Karen Ann Phillips, Columbus
 Nancy Eckber Pilder, Columbus
 Lawrence Jay Poleyeff,
 Cleveland Heights
 Sarah Evangeline Potter, Columbus
 Steven Ralph Pottmeyer, Lowell
 Kathleen Hanes Prescott, Columbus
 Steven Lawrence Pruitt, Columbus
 John Michael Pucillo, Parma
 Patricia Ann Purcell, Leesburg
 Marilyn Ann Radel, Cardington
 Carolyn Cannon Randall, Logan, Utah
 Cert.Grad.Dent.Hyg.
 Terry Juanita Rayford, Cleveland
 Deborah Morrow Ream, Columbus
 Norman Kenneth Ream, Medina
 David Lee Reed, Alexandria

¹ Also Bachelor of Arts.
 Colleges of the Arts and Sciences

Suzanne Rice, Kent
 Jay Franklin Rich, Akron
 Karen Jill Richards, Syosset, N. Y.
 Jean Anne Robey, Upper Sandusky
 Jacqueline Alexander Rogers,
 Owenton, Ky.
 Russell Allen Rogers, Columbus
 Reginald Allen Rose, Ottawa
 Mary Myers Runk, Lima
 Pamela Hall Sahr, Columbus
 Lynn Lunz Salem, Columbus
 James Rocco Salimbene, Columbus
 Constance Elaine Sandrock, Maumee
 Robert Louis Santilla, Columbus
 Lynn Allison Scarberry, Columbus
 Marilyn Weygandt Schaible,
 Columbus
 Cathy Jo Scheiderer, Springfield
 Lucinda Brown Schleicher, Columbus
 Steve Rory Schnitker, Cincinnati
 Barbara Linda Schordock,
 Parma Heights
 Barbara Jane Schroeck, Marion
 Mark Fred Schubel, Sandusky
 Dianne Sabina Schwager,
 Pittsburgh, Pa.
 Karen Susanna Scislowski, Columbus
 Genevieve Everly Seckel, Marion
 Susan Virginia Selby, Warren
 Jill Clark Shaw, Columbus
 Lynne H. Shepsman, Plainview, N. Y.
 Laurel Porro Sherding,
 Ridgewood, N. J.
 Diane Lynne Shorr, Canton
 Jeanne Ryan Sines, Columbus
 Cert. Grad. Dent. Hyg.
 Elaine Kay Sissee, North Canton
 Cert. Grad. Dent. Hyg.
 Peter Daniel Skirbunt, Cleveland
 Larry Leavanous Smith, Columbus
 Robert Michael Smith, Columbus
 Kay Jean Snyder, Bellville
 Judith Rosen Sokol, Shaker Heights
 Pamela Evangeline Spencer, Columbus
 Jerry Erwin Squires, Cleveland
 William Harvey Staebler, Mentor
 Jane Linkous Stamper, Centerburg
 Fabienne Frey Stout, Columbus
 Cert. Grad. Dent. Hyg.
 James B. Stratton, Hillsboro
 Jacqueline Kay Strine, Cardington
 Susan Doute Stroh, Wapakoneta
 Rosanna Yosick Stump, Tiro
 Lorraine DeForest Swindler, Trenton
 Scott Edward Swisher, Columbus
 Olga Nadia Szuja, Lorain
 Cynthia Gee Szwast, Portsmouth
 Sandra Keyerleber Tarbutton, Mentor
 Cert. Grad. Dent. Hyg.

Judith Hamilton Taylor, Newark
 Rebecca Joyce Thompson, Ostrander
 Judith Gilkerson Tiedt, Columbus
 Teresa Anne Toles, Columbus
 Dean Francis Tower, Columbus
 Mary Ruth Townsend, Columbus
 Renee Trepanier, Middleburg Heights
 Cert. Grad. Dent. Hyg.
 Lanna Zoog Trimmer, Columbus
 Sara Stonebrook Tucker, Mansfield
 Judith Elaine Tunis, Zanesville
 Linda Wojcuch Twedt, Columbus
 Cheryl Robinson Tyler, Toledo
 Tamera Ann Utterback, Paulding
 Cheryl Lynn Vanderbank,
 Grosse Pointe, Mich.
 Kathleen Marie Vaughan, Columbus
 John David Vecchio,
 Pleasantville, N. Y.
 Gloria Jean Vermillion, Centerburg
 Martha Ann Vossers, Galion
 Gerald Patrick Wallace, Wellsville
 Jeanette Peck Walls, Lexington
 Margo Lenore Walsh, Coshocton
 Charles Herbert Waterman, Dayton
 Eric Dale Watkins, Hilliard
 Nial Russell Watrus, Columbus
 Judith Lynn Waxman,
 Wilmington, Del.
 Karen Dee Wechsler, New York, N. Y.
 Audrey Beatrice Weeks, Columbus
 Kathleen Sue Werbel, Marion
 Deborah Ann White, Oil City, Pa.
 Robert Joe Whiteside, Columbus
 Katherine Richmond Wiley, Dover
 Alice Handy Williams, Mansfield
 Mayme LaVerne Williams, Cincinnati
 Sandra Lee Wilson, Columbus
 Barbara Jane Wirsch, Mansfield
 Howard Francis Wise,
 New Philadelphia
 Stephen Richard Witham, Columbus
 Linda Lorraine Withrow, Waverly
 Caroline Stephanie Yanik, Lorain
 Robert Wesley Yant, Columbus
 Sue Hoffmann Yerke, Columbus
 Deborah Deam Yore, Columbus
 Aileen Luellen Yung, Columbus
 Kathleen Ann Zielinski, Cleveland

Bachelor of Art Education **Offered jointly by the** **College of The Arts and the** **College of Education**

Thirteen candidates

Deborah Jean Bennett, Dayton
 Beth Ellen Bernstein,
 New York, N. Y.
 Cathie Ann Crawford, Bayside, N. Y.
 B.F.A.
 Carol Irene Edsinger, Bucyrus
 Barbara Rinehart Gilmore, Columbus
 Darlene Marie Giunta, Sandusky
 Erika Josefa Kaiser, Worthington
 Madeline Gail Lowitz, Columbus
 Maureen Ann Mackay,
 Middleburg Heights
 Dorothy Webb Shaffer, Westerville
 Timothy Aubert Wilbers, Wyoming
 Kim Allene Williams, Parma Heights
 Kathryn Jo Yarrington, Blacklick

Bachelor of Music Education **Offered jointly by the** **College of The Arts and the** **College of Education**

Seventeen candidates

Frank Reginald Burge, Grove City
 Philip Carl Chevallard, Columbus
 John Philip Cooper, Columbus
 John Coleman Fryar, Jr., Bellevue
 Karen Jean Kartsimas, Columbus
 Stanley Ruel Lepley, Marion
 Betty Clifton Lucas, Columbus
 Mark Eric Lunsford, Vandalia
 Paul Thomas Magree,
 Malvern, Australia
 Kathryn Richards Moser, Heath
 Debra Lynn Rosenthal,
 Shaker Heights
 Jacqueline Gordon Ruhl,
 Fredericktown
 John Franklin Schmolli, Granville
 Janice Yake Tongring, Toledo
 B.Mus.
 Joseph Frank Vinciguerra,
 Brecksville
 Katherine Hunt Warren, Parma
 Margaret Susan Warrick, Fairborn

¹ Also Bachelor of Arts,
 Colleges of the Arts and Sciences
² Also Bachelor of Science in Agriculture,
 College of Agriculture and Home Economics
³ Also Bachelor of Fine Arts,
 Colleges of the Arts and Sciences
⁴ Also Bachelor of Music,
 Colleges of the Arts and Sciences

College of Engineering

Dean: Harold A. Bolz

Bachelor of Science in Aeronautical and Astronautical Engineering

Five candidates

Randall Alexander Diener,
Greybull, Wyo.
Stephen Michael Hotaling,
Parma Heights
Douglas James Johnson,
North Olmsted
Michael Jay Miller, Cleveland Heights
James Joseph Pinter, Seven Hills

Bachelor of Science in Ceramic Engineering

Three candidates

Jan Wiley Koczera, Columbus
Curtis Paul Norris, Bolivar
Reed Douglas Slevin, Pittsburgh, Pa.

Bachelor of Chemical Engineering

One candidate

John Paul Sponseller, Columbus

Bachelor of Science in Chemical Engineering

Seven candidates

David Harry Armstrong,
Altamont, N. Y.
Eddie Sui Ki Kwan,
New Haven, Conn.
Gregory William Marsh, Marysville
Thomas Edward Rochford, Akron
Dean Constantine Stambolis,
St. Clairsville
Mark Daniel Westbrook, Grove City
William David Zeek, Martins Ferry

Bachelor of Civil Engineering

Two candidates

*Steven Karl Leavitt, Troy
◦William H. Lewis, III,
Newburgh, N. Y.

Bachelor of Science in Civil Engineering

Twenty-one candidates

Wallace George Brocklehurst,
Kingsville
John Dimitri DePol, New York, N. Y.
Thomas Lee Frazier, Warren
John Robert Grosse, Columbus
Thomas Willson Henneberry,
Bay Village
Thomas Max Hodson, New Vienna
James E. Arden King, Greenville

Robert William Lawson, Geneva
Robert Joseph Mergel, Mansfield
Bruce Allen Miller, Massillon
William Douglas Reese,
Indianapolis, Ind.
David Bernard Ritz, Cleveland
Arnold Ira Rosenberg, Pittsburgh, Pa.
Michael Richard Scholz, Vandalia
Eric Bosworth Shannon, Columbus
Edward Gerard Smariga,
Union Bridge, Md.
Keith Wessel Statler, Chagrin Falls
Modris Alex Tidemanis, Toledo
James Louis Vernocchi,
New York, N. Y.
Thomas Henry Wehri, Columbus
Stephen Emil Yannucci, Columbus

Bachelor of Science in Computer and Information Science

Five candidates

Jerry Lee Fowls, Columbus
William Paul Herold, Columbus
Gary Joseph Kopas, Port William
Steven Clyde Lawrence, Columbus
Joann Louise Schellhaas, Galloway

Bachelor of Electrical Engineering

Two candidates

Bruce Robert Forschner,
Parma Heights
Tomintat Marx, Mexico, D. F., Mexico

Bachelor of Science in Electrical Engineering

Nineteen candidates

James Lowell Blackstone,
New Concord
Latham Basil Campbell,
Kingston, Jamaica
James Michael Cimprich, Trenton
David Joseph Geyman, Columbus
Robert Murray Grove, Columbus
Howard Earl Hale Jenkins,
Columbus
Robert Louis Johnson, Columbus
Richard Keith Mains, Canton
Michael Roy Meloeny, Columbus
Rodger Michael Miller, North Olmsted
Alan Kieth Mottayaw, Mansfield

John Clifford Ostgaard,
Milford Center
Bruce Phillip Simon, North Royalton
Thomas Earl Spencer, Clyde
Dean Bradley Stamp, Columbiana
Roland Paul Stanton, Columbus
Theodore Quentin Walter, Bellville
Brent Robert Wientjes, Westerville
David Yonovitz, Lorain

Bachelor of Science in Engineering Physics

One candidate

Michael Stephen Daniel, II, Columbus

Bachelor of Industrial Engineering

Two candidates

John Leslie Elson, II, Versailles
David Eugene Horstman,
Worthington

Bachelor of Science in Industrial Engineering

Eleven candidates

Randy Linn Bevan, Bucyrus
David Martin Ellis, Stow
Dana Charles Friend,
Hampton Bays, N. Y.
Thomas James Habart, Cleveland
Jerome Thomas Hanley, Worthington
John Michael Hatem, Columbus
James Joseph Mendel, Columbus
Eugene Edwin Ramm, Akron
Jerry Michael Russell, Columbus
Jerry Lee Thomas, Columbus
John Edward Thomas, Newark

Bachelor of Mechanical Engineering

Two candidates

*Dennis James Schumaker,
Port Clinton
Mitchell Lee Yeary,
South Charleston

* Also Master of Science, Graduate School

College of Law

Dean: James C. Kirby, Jr.

Bachelor of Science in Mechanical Engineering

Ten candidates

Stephen Bradley Ackerman,
Barnesville
Charles Howard Bohling,
New Hartford, N. Y.
Jeffrey Carl Bookwalter, Englewood
Ernest Dezso Botos, Cleveland
Lewis George Frasch, Columbus
Michael Edwin Graves, Columbus
James Thomas Houser, Massillon
Charles Stevens Parker, Warren
Peter Carl Vorum, Madison, N. J.
Jeffrey Scott Wilburn,
Huntington, W. Va.

Bachelor of Science in Metallurgical Engineering

One candidate

Gary Lyn Haliema, Cridersville

Bachelor of Science in Welding Engineering

One candidate

James Robert Mullens, Trenton, Mich.

School of Architecture

Bachelor of Science in Architecture

Three candidates

John Mark DeLuca, Pittsburgh, Pa.
James Walter Gibbs, Jr.,
Belmont, W. Va.
John Thomas Reddick,
Philadelphia, Pa.

Bachelor of Landscape Architecture

One candidate

William John Sherman, Napoleon

Bachelor of Science in Landscape Architecture

One candidate

Thomas Bradley Becker, Wooster

Juris Doctor

Forty-two candidates

Richard Alton Beebe, Painesville
B.A. (Bowling Green State
University)

James Selden Begin, Grafton
A.B. (University of Michigan)

George Woodward Birch, Euclid
B.B.A. (Ohio University)

Wayne Alan Brown, Columbus
B.A.

Douglas Whitney Bulson, Toledo
B.B.A. (Ohio University)

James Craig Carr, Poland
A.B. (Miami University)

Harry Minshall Cochran, Jr.,
Cincinnati
B.A.

Richard Eugene Coss, Columbus
B.S.Bus.Adm.

Bruce Edward Cryder, Crooksville
A.B. (Ohio University)

Thomas Rickey Davis, Oak Hill
B.S. in Bus. (Miami University)

Craig Edward Evans, Columbus
B.F.A.

Mary Ellen Fairfield, Brecksville
B.A. (Purdue University)

David William Fixx, Xenia
A.B. (Ohio University)

Jim Denver Fox, Belpre
B.B.A. (Ohio University)

Charles Fredrick Geidner,
Youngstown
B.A. (University of Cincinnati)

Steven Thomas Greene, Columbus
B.A. (Brown University)

David Brian Harwood, Willard
A.B. (Ohio University)

Brian Patrick Kilbane, Cleveland
A.B. (University of Detroit)

Edward Russell Kirk, Barberton
B.A. (Ohio Wesleyan University)

James Harry Lagos, Springfield
B.A. (Wittenberg University)

Thomas Frank Luken, Cincinnati
B.B.A. (University of Cincinnati)

Gerald Mark McClain, Crabtree, Pa.
B.A. (University of Pittsburgh)

William James McGraw, III, Troy
B.B.A. (Ohio University)

Thomas Kerns McKnight, Cincinnati
B.S. in Bus. (Miami University)

Terrence James Morse, Columbus
B.A.

Donald Bruce Nevard, Wilmette, Ill.
B.B.A. (Ohio University)

David Edsall Northrop,
Coraopolis, Pa.
B.A. (Allegheny College)

Gary Zane Nothstein, Lehigh, Pa.
B.A. (Johns Hopkins University)

Harold DeWolf Paddock, III, Aurora
B.S.Bus.Adm.

Charles Joseph Pruitt, Eugene, Ore.
B.A. (University of Oregon)

Thomas Joseph Ramsey, Bergholz
B.A. (Miami University)

John Charles Rosenberger,
Mt. Blanchard
B.S.Agr.

Joseph Eugene Scuro, Jr.,
Bergenfield, N. J.
B.A. (Manhattan College)

Nancy Elise Shurtz, Coshocton
B.A. (University of Cincinnati)

Steven Lee Smith, Columbus
B.S. (Ball State University)

Rickard Stanley Toomey, Jr.,
Willoughby
B.S. in Bus. Adm. (University of
Dayton)

Adam Joseph Wagenbach, Trotwood
A.B. (Ohio University)

Bruce Frederick Wagner, Chillicothe
B.B.A. (Ohio University)

Robert Lee Whitmer, Maumee
B.A. (Northwestern University)

Michael Edward Yurosko, Euclid
B.A.

Jeffrey Edward Zink, Canton
B.A. (Kent State University)

Frederick Hurxthal Zollinger, Jr.,
Hartville
B.S. in C.E. (Lehigh University)

College of Medicine

Acting Dean: Robert J. Atwell, M.D.

Doctor of Medicine

One candidate

Betty Frances Ball, Toledo
B.A. (Miami University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Four candidates

Anthony Fred Alacca, Mansfield
Karen Watkins Feltham, Dublin
Jill Scott Gorshing, Fort Collins, Colo.
Penelope Lax Wolford, Cleveland

Bachelor of Science in Occupational Therapy

Twelve candidates

Marilyn Kay Davy, Columbus
Barbara Aurand Drake, Warren
Donna Gribben Fulton, Kettering
Cynthia Olds Godsey, Bloomville
Carolyn Linebaugh Heindl,
 Miamisburg
Susan Dianne Jones, Portsmouth
Laura Plavny Maher,
 Broadview Heights
Carolyn Susan Panak, Newton Falls
Kathleen Iris Paulin,
 Cleveland Heights
Kathleen Melko Sampson,
 Steubenville
Sondra Sheets Titer, Urbana
Patricia Palmer Wolfe,
 Washington C.H.

Certificate of Post Baccalaureate Medical Technologist

Three candidates

Kathy Jo Brewer, Germantown
 B.A. (Miami University)
Salim Najib Jreissaty,
 Zahleh, Lebanon
 B.S. (American University of
 Beirut); M.S.
Joyce Elaine Smith, Dayton
 B.S. (University of Dayton); M.S.

School of Nursing

Bachelor of Science in Nursing

Ten candidates

Christina Jane Benson,
 Newcomerstown
Mary Alexander Brady, Muncie, Ind.
Deborah Lynn Bridgeland, Cincinnati
Ann Jones Davids, Prospect
Linda Dianne McClellan Drake,
 Westerville
Marilyn Celine Jelenic, Euclid
Claudia Margaret Plonski, Cleveland
Doris Emma Sifling, Lorain
Rosa Lee Marie Weinert,
 Reynoldsburg
Marcia McCarty Wheelen, Columbus

Graduates with Honors

Summa Cum Laude

Dorothy Unseth Behling,
Columbus
William Edward Bottger, Newbury
Mary Alexander Brady, Muncie, Ind.
James Michael Cimprich, Trenton
Joseph Patrick Croy, Sandusky
John Lee Dryden, Columbus
Jeffrey Paul Eisenman, Columbus
Michael Paul Fisher, Tiffin
Barbara Rinehart Gilmore, Columbus
Sally Shannon Hanley, Columbus
Thomas Arthur Hanson, Alliance
Joseph Edward Havranek, Columbus
Karlyn Reichenbach Holt, Lima
Deborah Eppley Kent, Columbus
Eddie Sui Ki Kwan,
New Haven, Conn.
Roni Michele Lesser,
Douglaston, N. Y.
Robert Matthews, Columbus
Larry Charles Munn, Grafton
David Edsall Northrop,
Coraopolis, Pa.
Charles Howard Patterson, Wooster
Kathleen Hanes Prescott, Columbus
Charles Joseph Pruitt, Eugene, Ore.
Anne Rogers Robinson, Columbus
Michael Richard Scholz, Vandalia
Dianne Sabine Schwager,
Pittsburgh, Pa.
Thomas Wayne Slemmer,
Upper Sandusky
Dean Bradley Stamp, Columbus
Sandra Keyerleber Tarbutton, Mentor
Beth Lee Ulrich, Medina
Marcia McCarty Wheelen, Columbus
Michael Edward Yurosko, Euclid
Frederick Hurxthal Zollinger, Jr.,
Hartville

Summa cum laude and with Distinction in Dairy Science

Denise Rayment Ballinger,
North Canton

Summa cum laude and with Distinction in History

Diana Neal Galbreath, Columbus

Summa cum laude and with Distinction in Natural Resources

Constance Miles Kauffman, Covington

Cum laude

Donald Joseph Abate,
Richmond Heights
Linda Skillman Bader, Columbus
Catherine Hilliard Beavers,
Goldston, N. C.
George Woodward Birch, Euclid
Sherryl White Bourgeois, Columbus
Rae Dubach Bush, Ashtabula

Janet Marie Bussert, Lithopolis
Keith Edward Byers, Akron
Harry Minshall Cochran, Jr.,
Cincinnati
Deborah Sue Conrad, Marysville
Nancy Bobbitt Craig, Lima
Bruce Edward Cryder, Crooksville
Thomas Rickey Davis, Oak Hill
Carolyn Imhoff Duty, Green Camp
Mary Ellen Fairfield, Brecksville
Shandolia Marie Flagel, Dayton
Diane Marie Friemoth, Ottoville
Paul Michael Giroski, Cleveland
Richard Milton Grossman,
Youngstown
David Brian Harwood, Willard
Leslie Michael Howard, Worthington
Edward Russell Kirk, Barberton
Jan Wiley Koczera, Columbus
Janet Marie Krawetz, Cleveland
Marcia Kay Krill, Edgerton
James Randal Krischak, Hilliard
Karen Louise Lamoreux, Lakewood
Janet Rush Lang, Columbus
Donna Converse Lawrence, Marion
Steven Karl Leavitt, Troy
William H. Lewis, III,
Newburgh, N. Y.
Barbara Pracht MacArthur,
Defiance
Richard Keith Mains, Canton
Marilyn Carol Mauck, Worthington
Kathleen Linda McGlone,
Steubenville
William James McGraw, III, Troy
Michael Roy Meloeny, Columbus
Judith Maxwell Morris, Columbus
Terrence James Morse, Columbus
Linda Pearl Nauman, Delaware
Gary Zane Nothstein, Lehighton, Pa.
John Clifford Ostgaard,
Milford Center
Patti Louise Overholt, Columbus
John Charles Rosenberger,
Mt. Blanchard
Debra Lynn Rosenthal,
Shaker Heights
Judith Margaret Ross, Worthington
Dennis James Schumaker,
Port Clinton
Susan Virginia Selby, Warren
James Lee Shellhaas, Columbus
Wayne Allen Short, Archbold
Lauren Corliiss Stevens, Cincinnati
Lorraine DeForest Swindler,
Trenton
Richard Lynn Thompson, Erie, Pa.
Janice Yake Tongring, Toledo
Sara Stonebrook Tucker, Mansfield
Mary Kathryn Van Balen, Columbus
Damian Joseph Vercillo, Ashland
Carole Ann Wagan, Akron
Gerald Patrick Wallace, Wellsville
Katherine Hunt Warren, Parma
Sandra Kay Weaver, Shelby
Kathleen Sue Werbel, Marion
Brent Robert Wientjes, Westerville
Frank Dixon Williams, Perrysburg

Stephen Emil Yannucci, Columbus
Deborah Deam Yore, Columbus

Cum laude and with Distinction in Music Theory and Composition

Gary Lee Eby, Columbus

Cum laude and with Distinction in Psychology

Ronald Alan Greenfield,
McKeesport, Pa.

With Distinction in Art

Kathryn Jo Yarrington, Blacklick

With Distinction in Dairy Science

Charles Thomas Trinter, Vermilion

With Distinction in Psychology

Deborah Lynn Haller, Columbus

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 2, 1973

The Board of Trustees met at its regular monthly meeting on Friday, February 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy,
M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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TRUSTEE DAY

Mr. Gushman thanked the Undergraduate Student Government for sponsoring the "Trustee Day" on the campus. He indicated that he found the experience a very constructive one.

Mrs. James said she had found the day very worthwhile, but indicated she would have liked to spend more time with students and less time in facilities.

Mr. Shocknessy commended Mr. Michael White, President of the Undergraduate Student Government, not only for proposing the day, but for the courtesies extended to him personally.

Dr. Sirak reinforced what the others had said and added that he thought the "Trustee Day" served a useful and meaningful purpose.

REPORT BY CHAIRMAN

Mr. Eckley appointed Mrs. Patricia D. James as the Board's representative to the Association of Governing Boards of Universities and Colleges for the remainder of the academic year 1972-1973.

SPECIAL REPORT

Mr. Shocknessy reported on behalf of the Finance and Investment Committee its recommendation concerning the acquisition of a President's House.

Mr. Shocknessy presented the following recommendation:

Purchase of Building and Property - President's Residence

That the Secretary of the Board of Trustees be authorized to enter into a contract in the form attached hereto and incorporated herein (see Appendix VI, page 329), on behalf of the Board of Trustees of

SPECIAL REPORT (continued)

Mr. Shocknessy's recommendation (continued)

Purchase of Building and Property - President's Residence (continued)

The Ohio State University, to purchase the real property located at 285 Croswell Road in the City of Columbus, Franklin County, Ohio, at a price not to exceed \$140,000, as advised by counsel.

As a condition of purchase, necessary approvals from the Ohio Board of Regents and the Controlling Board in accordance with the provisions of House Bill 988, Section 5, will be obtained and the MAI appraisal recorded.

In answer to a question by Mr. Shocknessy as to the suitability of the house, President Enarson indicated that Mrs. Enarson and he believe the house fulfills all the requirements which the Board and Mrs. Enarson had initially agreed to be necessary to support the official University activities conducted in a President's House; and, therefore, this action had Mrs. Enarson's and his enthusiastic support.

Mr. Shocknessy requested Mr. Davis to speak to the appropriateness of adopting the resolution. Mr. Davis, counsel to the Board of Trustees, concurred in the appropriateness of the resolution.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change of Trustee, The Ohio Legal Center

In compliance with the Code of Corporate Regulations of The Ohio Legal Center, President Enarson recommended that Professor Lawrence Herman be appointed a trustee of the Legal Center, effective immediately, to replace the late Professor Ervin Pollack.

Upon motion of Mr. Harrod, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

I. GENERAL RECOMMENDATIONS (continued)

B. Report of Auditor of State - The Ohio State University Hospitals

The Annual Report of the Auditor of State for the fiscal year 1970-1971 has been received and reviewed by the appropriate officers of the University.

The accounts, records, files, and reports of The Ohio State University Hospitals were found to be adequate with the exception of those records which were commented upon specifically in the report.

President Enarson recommended that this Report of the Auditor of State for the fiscal year 1970-71 for The Ohio State University Hospitals be received and filed with the official documents of the University.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the above recommendation was approved by unanimous voice vote.

C. Establishment of a Department of Dance

The University Senate on November 21, 1972, approved the recommendation of the Council on Academic Affairs that a Department of Dance be established.

The Division of Dance meets all requirements for departmental status including the minimum number of well-qualified faculty members in the ranks of Assistant Professor, Associate Professor, and Professor. In its four years of existence, dance has gained recognition as one of the outstanding dance programs in the country. At the present time the Division offers a Bachelor of Fine Arts, Bachelor of Science in Education, and Master of Arts degrees. Dance acts as a cognate area for theatre for students who want to work on a Doctor of Philosophy degree in dance and theatre. Among the important areas of research available to students are Dance History with an outstanding slide and library collection, Dance Notation with a library of original scores, films, manuscripts, and rare Labanotation resources. Research involving original choreography in a variety of styles and experimental approaches, and the reconstruction, writing, and reading of dance scores and historic notation systems are included in the program.

President Enarson recommended that a Department of Dance be established, effective July 1, 1973.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Quarterly Review of Current Funds Budget

The review of the status of the Current Funds Budget for the quarter ended December 31, 1972, is presented to the Board of Trustees for review. The actual Autumn Quarter enrollments, fee collections, and subsidy earnings provide the University with the most accurate indication of needs and resources for the year.

February 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Quarterly Review of Current Funds Budget (continued)

SOURCES OF INCOME

The adjustments to resources for the second quarter for General Budgets - Central Campus total \$3,289,871, consisting of additional subsidy earnings of \$2,127,173 and increases in other unrestricted income of \$1,162,698. The increase in subsidy is due primarily to changes to the application of subsidy support factors by the Ohio Board of Regents and changes in internal enrollment patterns, with only a slight overall increase in total enrollment over that anticipated.

The adjustments to General Budgets - Regional Campuses represents increase in subsidy earnings which will be placed in reserve.

Current estimates of restricted expenditures reflect an increase in restricted federal grants and contracts received to date, specifically, Vocational and Technical Education.

There are no major changes to the original estimates of auxiliary budgets.

	Budget Approved September 30, 1972	Revised Budget December 31, 1972	Difference
Central Campus			
State Subsidy	\$ 65,743,666	\$ 67,870,839	\$2,127,173
Student Fees	45,175,000	45,175,000	-0-
Other Unrestricted Income	16,465,445	17,628,143	1,162,698
Carry Forward from 1971-72	4,449,069	4,449,069	-0-
Beginning General Reserve	<u>3,763,612</u>	<u>3,763,612</u>	<u>-0-</u>
Total	<u>\$135,596,792</u>	<u>\$138,886,663</u>	<u>\$3,289,871</u>
Regional Campuses - All Sources	\$ 5,396,387	\$ 5,441,914	\$ 45,527
Auxiliary Operations	\$ 86,644,000	\$ 87,720,000	\$1,076,000
Restricted Funds	<u>\$ 48,205,000</u>	<u>\$ 51,801,000</u>	<u>\$3,596,000</u>
Grand Total	<u>\$275,842,179</u>	<u>\$283,849,577</u>	<u>\$8,007,398</u>

February 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Quarterly Review of Current Funds Budget (continued)

BUDGETED EXPENDITURES

The adjustments to General Budgets - Central Campus for the second quarter reflect a release of \$2,947,531 from approved program budgets to college and office personnel, operating, and equipment budgets and \$888,172 net adjustment to instructional budgets due to change in enrollment patterns and a slight increase in enrollment over that budgeted; and \$274,526 increase in income in "earnings budgets" directly offset by expenditures. The additional subsidy earnings of \$2,127,173 will be placed in reserve.

	Budget Approved September 30, 1972	Revised Budget December 31, 1972	Difference
General Budgets - Central Campus			
Personnel Services	\$101,394,972	\$103,872,529	\$2,477,557
Operating and Equipment	20,889,689	22,522,361	1,632,672
All Other	11,312,131	8,364,600	(2,947,531)
Ending General Reserve	<u>2,000,000</u>	<u>4,127,173</u>	<u>2,127,173</u>
Total	<u>\$135,596,792</u>	<u>\$138,886,663</u>	<u>\$3,289,871</u>
General Budgets - Regional Campuses	<u>\$ 5,396,387</u>	<u>\$ 5,441,914</u>	<u>\$ 45,527</u>
Restricted Budgets/ Expenditures	<u>\$ 48,205,000</u>	<u>\$ 51,801,000</u>	<u>\$3,596,000</u>
Rotary and Auxiliary Budgets	<u>\$ 86,644,000</u>	<u>\$ 87,720,000</u>	<u>\$1,076,000</u>
Grand Total	<u>\$275,842,179</u>	<u>\$283,849,577</u>	<u>\$8,007,398</u>

President Enarson recommended that the foregoing report as submitted be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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II. PERSONNEL CHANGES

Personnel changes since the December 1, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

Naurine R. McCormick from Professor and Associate Director (part time - 15 per cent) in the School of Home Economics to Professor and Acting Director (part time - 35 per cent) in the School of Home Economics, effective January 1, 1973, at a salary of \$8,694.00 per annum (12-month basis). She will continue as Professor and Assistant Director (part time - 50 per cent) in the Cooperative Extension Service.

Theodore B. Myers from Professor of Zoology on The Ohio State University Marion Campus to Associate Director of The Ohio State University Marion Campus (part time - 75 per cent) and Professor of Zoology, The Ohio State University Marion Campus (part time - 25 per cent), effective February 2, 1973, at a salary of \$19,008.00 per annum.

B. Leaves of Absence Without Salary

Anthimos J. Christoforidis, Professor, Department of Radiology, effective December 15, 1972 through June 14, 1973, to complete the development of new curricula for medical students and Post - M.D. students in the Department of Radiology at the University of Salonika, Greece.

Leonhard A. Miller, Assistant Professor, Department of Mathematics, effective October 1, 1972 through March 31, 1973, to do research at the Mathematisches Institut in Gottingen, West Germany.

Deborah C. Andrews, Instructor, Department of English, effective January 1, 1973 through March 31, 1973, for personal reasons.

Janet H. Arenson, Instructor, School of Nursing, effective January 1, 1973 through March 26, 1973, for personal reasons.

Kaye F. Bartlett, Instructor (Area Extension Agent, CRD) Washington C. H. Area Center, Cooperative Extension Service, effective October 1, 1972 through November 30, 1972, to participate in a program of professional improvement at The Ohio State University.

February 2, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Lucy S. Caswell, Instructor, University Libraries, effective January 1, 1973 through March 31, 1973, for personal reasons.

Peggy H. Simmons, Instructor (County Extension Agent) Greene County, Cooperative Extension Service, effective January 1, 1973 through March 31, 1973, for personal reasons.

Judith A. Wessel, Instructor (Extension Specialist, Home Management), Cooperative Extension Service, effective November 1, 1972 through January 31, 1973, for personal reasons.

C. Emeritus Titles

Ira A. Gould, Jr., Department of Food Science and Nutrition and Cooperative Extension Service, with the title Professor Emeritus, effective January 1, 1973.

Oscar E. Share, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1973.

President Enarson recommended that the Promotions, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the December 1, 1972 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	20	\$4,363,471.93
The Ohio State University Research Foundation	49	1,393,441.62
The Engineering Experiment Station	5	95,284.00
The Ohio State University Development Fund	15,126	2,357,324.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)¹

A. Office of Finance and Treasurer

1. Grants

- a. \$3,700,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for A Comprehensive Career Education Model, under the direction of the Center for Vocational and Technical Education, for the period through August 31, 1973. (Grant No. OEG-0-72-1419, Revision No. 2)
- b. \$189,970.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Center for Research and Leadership, under the direction of the Center for Vocational and Technical Education. This grant expires June 30, 1973. (Grant No. OEG-3-7-000158-2037, Revision No. 18)
- c. \$67,929.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Mathematics for Secondary School Teachers, under the direction of the Department of Mathematics. This grant expires September 30, 1973. (Grant GW-7709, Proposal No. 3/0101)
- d. \$58,826.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medicinal Chemistry - Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 GM01949-05)
- e. \$55,561.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Geology for Secondary School Teachers, under the direction of the Department of Geology and Mineralogy. This grant expires September 30, 1973. (Grant GW-7668, Proposal No. 3/0169)
- f. \$53,824.00 granted by National Science Foundation, Washington, D. C., to the University for 1973 Summer Institute in Environmental Sciences for Secondary School Teachers, under the direction of the Academic Faculty of Science and Mathematics Education. This grant expires June 30, 1974. (Grant GW-7804, Proposal No. 3/0869)
- g. \$31,750.00 granted by National Science Foundation, Washington, D. C., to the University for Student Science Training Program (Pre-College), under the direction of the Department of Mathematics. This grant expires October 31, 1973. (Grant GW-8206, Proposal No. 3/1627)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Grants (continued)

- h. \$30,000.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Horizons Unlimited Program, under the direction of the Department of Mathematics, for the period July 1, 1972 through June 30, 1973. (Grant No. 50849)
- i. \$29,854.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 1 7 45 0430 15 1)
- j. \$22,976.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I. D. No. 2 7 45 0430 15 1)
- k. \$19,293.93 granted by Ohio Board of Regents, Columbus, Ohio, to the University for project Meeting the Health Care Needs of the Aged in Ohio. This grant is made under Title I, Higher Education Act of 1965. (Program No. 73-944-004)
- l. \$18,091.00 granted by National Science Foundation, Washington, D. C., to the University for Student Science Training Program (Pre College), under the direction of the Department of Engineering Graphics. This grant expires October 31, 1973. (Grant GW-8176, Proposal No. 3/1458)
- m. \$16,710.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I. D. No. 7 7 45 0430 15 1)
- n. \$16,608.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Interpretations of Macromolecular Interactions, Development Award - Research Career Program, under the direction of the Department of Biochemistry, for the period July 1, 1973 through June 30, 1974. (Grant No. 1 K04 GM70614-01)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Grants (continued)

- o. \$15,816.00 granted by National Science Foundation, Washington, D. C., to the University for Short Course on Junior High School Science Programs for Secondary School Supervisors, under the direction of the Academic Faculty of Science and Mathematics Education. This grant expires September 30, 1973. (Grant GW-8294, Proposal No. 3/1968)
- p. \$15,000.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, to the University for support of the project The Relationship of Nutrition Education to Subsequent Nutrition Knowledge, Attitudes, and Practices of Ohio High School Graduates, under the direction of the School of Home Economics, for the period July 1, 1972 through June 30, 1973.
- q. \$7,950.00 additional grant by United States Department of the Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., to the University for Environmental Pollutants in Relation to Lake Erie Herons, under the direction of the Department of Zoology, for the period ending August 31, 1974. (Contract No. 14-16-0008-1088, Amendment No. 1)
- r. \$7,563.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 4 7 45 0430 15 1)
- s. \$5,000.00 granted by World Health Organization and L'Organisation Mondiale de la Sante, 1211 Geneve 27, Switzerland, to the University for the WHO International Reference Centre for Diagnosis of Diseases of Vectors, under the direction of the Department of Entomology.
- t. \$750.00 granted by State of Ohio, Department of Economic and Community Development, Columbus, Ohio, to the University for recruiting students for work-study programs under the direction of the Department of Black Studies. This contract expires December 30, 1972.

2. Gift-in-Kind

- a. A generator, Model NT-60-8, from the U. S. Atomic Energy Commission, Argonne National Laboratory, Argonne, Illinois. (Grant No. G0416, Proposal No. P-0247)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period November 11, 1972 through December 31, 1972.

1. Federal Research Contracts

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as Project No. 1398-F - Mod. #9 - Department of Chemistry).
Gross Value - \$43,271.00.
- b. Office of Naval Research, Department of the Navy, Arlington, Virginia, Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Project No. 2966 - Mod. #4 - Department of Metallurgical Engineering).
Gross Value - \$22,000.00.
- c. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Effects of Weightlessness on the Development of the Vestibular Apparatus and Ocular Nystagmus in the Rat (to be known as Project No. 3329-A1 - Mod. #1 - Department of Anatomy).
Gross Value - \$19,000.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, In vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens (to be known as Project No. 3374-A1 - Mod. #1 - Department of Veterinary Pathobiology).
Gross Value - \$93,964.00.
- e. Department of the Army, Harry Diamond Laboratories, Washington, D. C., Adaptive Arrays as Readout Antennas in an ECM Environment (to be known as Project No. 3435-A1 - Mod. #P00001 - Department of Electrical Engineering).
Gross Value - \$50,345.00.
- f. Department of the Navy, Naval Air Systems Command, Washington, D. C., Adaptive Arrays: AJ Protection in Advanced Communication Systems (to be known as Project No. 3576-A1 - New - Department of Electrical Engineering [ElectroScience Laboratory]).
Gross Value - \$54,996.00.

February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

- g. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Methods, Computer Programs; and Approximations in Fast Reactor Design Basis Accident Calculations (to be known as Project No. 3588-A1 - New - Department of Mechanical Engineering).
Gross Value - \$24,748.00.
- h. Department of the Army, Army Aviation Systems Command, Ft. Eustis, Virginia, Development of Accelerated Life Test Techniques for Aircraft Hardware (to be known as Project No. 3598-A1 - New - Department of Mechanical Engineering).
Gross Value - \$44,978.00.

TOTAL - Federal Research Contracts \$353,302.00

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-C - Ltr. dtd. 12/6/72 - Department of Metallurgical Engineering).
Gross Value - \$2,000.00.
- b. Metal Properties Council, United Engineering Center, New York, New York, A Survey of Mechanical and Corrosion Properties of Selected Alloys (to be known as Project No. 3069-A1 - Ltr. dtd. 12/6/72 - Department of Metallurgical Engineering).
Gross Value - \$2,000.00.
- c. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-A1 - Ltr. dtd. 11/21/72 - Academic Faculty of Educational Development).
Gross Value - \$267.10.
- d. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-F1 - Ltr. dtd. 11/21/72 - Academic Faculty of Educational Development).
Gross Value - \$2,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

2. Industrial and Other Research Contracts (continued)

- e. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development (to be known as Project No. 3372-G1 - Ltr. dtd. 11/21/72 - Academic Faculty of Educational Development).
Gross Value - \$2,156.52.
- f. Ohio Power Company, Canton, Ohio, Environmental Analysis of a Potential Power Site on Sandusky Bay (to be known as Project No. 3584-A1 - New - College of Biological Sciences and Department of Civil Engineering).
Gross Value - \$37,847.00.
- g. Ethicon, Inc., Somerville, New Jersey, Polyglactin Suture Material (to be known as Project No. 3586-A1 - New - College of Dentistry).
Gross Value - \$9,084.00.
- h. The University of Rochester, Rochester, New York, Statistical Theory and Applications: Sequential, Nonparametric, and Ranking Procedures (to be known as Project No. 3593-A1 - New - Division of Statistics).
Gross Value - \$5,447.00.

TOTAL - Industrial and Other Research Contracts \$60,801.62

3. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood PO₂-Artery QO₂ Relationships in Atherosclerosis (to be known as Project No. 1800-J - Ext. #9 - Department of Physiology).
Gross Value - \$20,260.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Perfusion (to be known as Project No. 1882-H - Ext. #8 - Department of Psychiatry).
Gross Value - \$17,508.00.
- c. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - Amend. #5 - Department of Physics).
Gross Value - \$40,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Sup. #2 - Department of Physiological Chemistry).
Gross Value - \$3,538.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Middle Ear Mucosa - Normal and Experimental (to be known as Project No. 2949-C - New - Department of Otolaryngology).
Gross Value - \$34,029.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, The Role of the Red Nucleus in Motor Function (to be known as Project No. 2956-B - Sup. #2 - Department of Anatomy).
Gross Value - \$3,134.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #4 - Department of Electrical Engineering [ElectroScience Laboratory]).
Gross Value - \$65,991.00.
- h. National Science Foundation, Washington, D. C., Robots, Manipulators and Powered Orthopaedic Appliances (to be known as Project No. 3137-A1 - Amend. #2 - Department of Electrical Engineering).
Gross Value - \$89,200.00.
- i. Department of Health, Education, and Welfare, Office of Education, Chicago, Illinois, A Proposal for the Establishment of a Midwest Center and Institute for Equal Educational Opportunities at The Ohio State University, Columbus, Ohio (to be known as Project No. 3247-A1 - Rev. #3 - Academic Faculty of Educational Development).
Gross Value - \$47,734.00.
- j. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Return and Radiometric Emission from the Sea (to be known as Project No. 3266-A1 - Sup. #2 - Department of Electrical Engineering [ElectroScience Laboratory]).
Gross Value - \$20,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- k. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolism, and Digestive Diseases, Bethesda, Maryland, Control of the Hexose Monophosphate Shunt in Red Cells (to be known as Project No. 3310-A2 - Ext. #1 - Department of Medicine).
Gross Value - \$15,579.00.
- l. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Surface Properties of Metals (to be known as Project No. 3360-A1 - Mod. #B - Department of Metallurgical Engineering).
Gross Value - \$30,009.00.
- m. U. S. Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodial and Babesial Antigens (to be known as Project No. 3365-A1 - Mod. #P301 - Department of Microbiology).
Gross Value - \$21,289.00.
- n. National Science Foundation, Washington, D. C., Spectrophotometry of Late-Type Stars (to be known as Project No. 3367-A1 - Ltr. dtd. 12/11/72 - Department of Astronomy).
Gross Value - \$28,300.00.
- o. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Mode of Action of Fluoride in Caries Inhibition (to be known as Project No. 3380-A2 - Ext. #1 - College of Dentistry).
Gross Value - \$33,657.00.
- p. National Science Foundation, Washington, D. C., Automatic Classification System with Application in Various Information Retrieval Environments (to be known as Project No. 3589-A1 - New - Department of Computer and Information Science).
Gross Value - \$89,900.00.
- q. National Science Foundation, Washington, D. C., Economic Models of Disarmament (to be known as Project No. 3591-A1 - New - Mershon Center for Education in National Security and Department of Economics).
Gross Value - \$3,700.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- r. National Science Foundation, Washington, D. C., Acoustic Holographic Recorder (to be known as Project No. 3599-A1 - New - Department of Welding Engineering).
Gross Value - \$36,500.00.
- s. National Science Foundation, Washington, D. C., Ice Crater Closure Studies of a Glacier on Deception Island (to be known as Project No. 3600-A1 - New - Institute of Polar Studies and Department of Civil Engineering).
Gross Value - \$7,700.00.
- t. National Science Foundation, Washington, D. C., Cross-Section Studies of Two Problems in the Term Structure of Interest Rates (to be known as Project No. 3601-A1 - New - Department of Economics).
Gross Value - \$24,000.00.
- u. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, Development and Evaluation Case Studies in Clinical Diet (to be known as Project No. 3603-A1 - New - School of Allied Medical Professions).
Gross Value - \$63,003.00.
- v. National Science Foundation, Washington, D. C., Antiferromagnetic Resonance in Diluted Alloys (to be known as Project No. 3605-A1 - New - Department of Physics).
Gross Value - \$10,700.00.
- w. National Science Foundation, Washington, D. C., 28th and 29th Symposium on Molecular Structure and Spectroscopy (to be known as Project No. 3607-A1 - New - Department of Physics).
Gross Value - \$14,000.00.
- x. National Science Foundation, Washington, D. C., Methodology for the Performance Evaluation of Information Systems (to be known as Project No. 3609-A1 - New - Department of Computer and Information Science).
Gross Value - \$76,500.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Federal Research Grants (continued)

- y. National Science Foundation, Washington, D. C., Electronic, Dynamic, and Chemical Properties of Carbanionic Substances (to be known as Project No. 3610-A1 - New - Department of Chemistry).
Gross Value - \$30,000.00.

TOTAL - Federal Research Grants \$826,231.00

4. State Research Grants

- a. Ohio Department of Mental Health and Retardation, Division of Forensic Psychiatry, Chillicothe, Ohio, Evaluation of the Dayton-Montgomery Forensic Psychiatry Center (to be known as Project No. 3595-A1 - New - Division of Public Administration).
Gross Value - \$7,500.00.
- b. Ohio Department of Mental Health and Retardation, Division of Forensic Psychiatry, Chillicothe, Ohio, Effective Implementation of the Ascherman Act (to be known as Project No. 3596-A1 - New - Division of Public Administration).
Gross Value - \$15,403.00.
- c. Ohio Department of Economic and Community Development, Columbus, Ohio, Minority Business Enterprise Program (to be known as Project No. 3604-A1 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$30,000.00.

TOTAL - State Research Grants \$52,903.00

5. Industrial and Other Research Grants

- a. American Cancer Society, Inc., New York, New York, The Effect of Chemotherapy on Human Macrophage Function (to be known as Project No. 3151-A2 - Ext. #1 - Department of Medicine).
Gross Value - \$26,075.00.
- b. American Cancer Society, Ohio Division, Franklin County Unit, Columbus, Ohio, Prolactin Secretion in Carcinoma of the Breast (to be known as Project No. 3581-A1 - New - Department of Medicine).
Gross Value - \$4,995.00.

February 2, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- c. National Endowment for the Humanities, Washington, D. C., Cumulative Location and Artist Index to A. Venturi's Storia dell' Arte Italiana (to be known as Project No. 3590-A1 - New - The Ohio State University Library).
Gross Value - \$9,057.00.
- d. National Endowment for the Humanities, Washington, D. C., The American Revolutionaries and the Growth of a National History, A Study of the Relationship Between Historical Ideas and Political Action, 1776-1826 (to be known as Project No. 3592-A1 - New - Department of History).
Gross Value - \$7,577.00.
- e. American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Grant (to be known as Project No. 3594-A1 - New - Department of Pathology).
Gross Value - \$52,500.00.

TOTAL - Industrial and Other Research Grants \$100,204.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period November 14, 1972 through January 4, 1973.

1. Government Research Contracts

- | | |
|----------|---|
| EES 433X | Correlates of Test Driver Measurement and User Accidents, Ohio Department of Transportation, Columbus, Ohio.
Gross Value - \$24,684.00. |
| EES 434X | Evaluation of Illumination Designs for Accident Reduction at Nighttime Accident Highway Sites, Ohio Department of Transportation, Columbus, Ohio.
Gross Value - \$31,200.00. |
| EES 345X | Use of Latex in Concrete Bridge Decks, Ohio Department of Transportation, Columbus, Ohio.
Gross Value - \$25,000.00. |

TOTAL - Government Research Contracts \$80,884.00

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

C. Engineering Experiment Station (continued)

2. Industrial Research Contracts

EES 307X Experimental Determination of Combustibility,
Ext. #7 American Iron and Steel Institute, New York, New
 York.
 Gross Value - \$13,800.00.

EES 383X Development and Study Program for Heat Losses,
Ext. #5 Columbus and Southern Ohio Electric Company,
 Columbus, Ohio.
 Gross Value - \$600.00.

TOTAL - Industrial Research Contracts \$14,400.00

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through November 30, 1972

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	14,529		\$ 304,436.00
Major Resources Group			
Major Individual Gifts	209	\$874,552.00	
Corporate Gifts	220	634,117.00	
Foundation and Non- profit Organiza- tion Gifts	<u>168</u>	<u>544,219.00</u>	
Total			<u>2,052,888.00</u>
Grand Total	15,126		<u>\$2,357,324.00</u>

2. Gifts of \$5,000 or More

- a. \$100,000.00 from Nationwide Mutual Insurance Company, Columbus, Ohio, for the University Activities Center.
- b. \$24,989.05 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
- c. \$15,050.00 from General Motors Corporation, Detroit, Michigan, for its scholarship fund.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- d. \$12,000.00 from Battelle Memorial Institute, Columbus, Ohio, for its Professorship in Theoretical Chemistry.
- e. \$10,000.00 from The Columbus Foundation, Columbus, Ohio, for the Novice G. Fawcett Chair in Educational Administration.
- f. \$6,720.97 from an anonymous donor for research in the College of Medicine.
- g. \$6,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for Infectious Disease Research.
- h. \$5,000.00 from Ford Motor Company Fund, Dearborn, Michigan, for the Department of Mechanical Engineering.
- i. \$5,000.00 from Jasam Foundation, Columbus, Ohio, for research in the College of Education.
- j. \$5,000.00 from Parke-Davis & Company, Detroit, Michigan, for research in the College of Medicine.
- k. \$5,000.00 from Frances Schwebel Solomon, Youngstown, Ohio, for loans in the College of Medicine.
- l. \$5,000.00 from Standard Oil (Indiana) Foundation, Chicago, Illinois: \$3,000.00 for Distinguished Teaching Awards and \$2,000.00 for the University Emergency Fund.

3. Gift-in-Kind

- a. Equipment from Hobart Brothers Company, Troy, Ohio, for the Department of Welding Engineering.

4. Establishment of Named Funds

- a. \$150,000.00 bequest from the Estate of Janet French Houston for the establishment of The Thomas Ewing French Fellowship.

The Thomas Ewing French Fellowship

The Thomas Ewing French Fellowship was established February 2, 1973, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Janet French Houston (B.A. '21), late of Newark, New Jersey, in memory of her father, Thomas Ewing French.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

a. The Thomas Ewing French Fellowship (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used to establish The Thomas Ewing French Fellowship and for the support of the fellowship in the Department of Engineering Graphics. The fellows are to be selected and the funds used upon the recommendation of the Chairman of the Department of Engineering Graphics and the Dean of the College of Engineering.

The fellowship shall be maintained to the extent possible by the application of net income derived from the endowment and the University is authorized to invade the principal amount of the endowment as and when it shall be necessary to supplement income to provide the amount necessary for the maintenance of the fellowship.

Should the Department of Engineering Graphics or the College of Engineering cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering instruction.

b. \$43,246.54 from the Technical Education Foundation for the establishment of the Technical Education Foundation Scholarship Fund.

Technical Education Foundation Scholarship Fund

The Technical Education Foundation Scholarship Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University through a gift of \$43,246.54 to The Ohio State University Development Fund from the Technical Education Foundation of Columbus, Ohio.

The Trustees of the Technical Education Foundation have acted to terminate the existence of the Foundation, and transfer the remaining, unencumbered assets of the Foundation to The Ohio State University Development Fund.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

b. Technical Education Foundation Scholarship Fund (continued)

This sum, \$43,246.54, is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from this endowment is to be used to provide scholarships, grants, awards, or loans to students from two-year associate degree programs wishing to pursue studies in the areas of engineering or engineering technology. Recommendations for such scholarships, grants, awards, or loans shall be made by the Dean of the College of Engineering.

In the event the need for such student aid should cease to exist or so diminish as to create unused income, then the income may be used by the College of Engineering at the discretion of the Dean, preference to be given, however, to items and services in the area of engineering technology.

c. \$39,790.00 from Ione Beaton Krumm for the establishment of The Tahlman Krumm Engineering Memorial Fund.

The Tahlman Krumm Engineering Memorial Fund

The Tahlman Krumm Engineering Memorial Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Ione Beaton Krumm (Edu-W'36), of Columbus, Ohio, in memory of her husband, Tahlman Krumm (B. C. E. '34), who passed away August 16, 1969.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used as a discretionary fund to further the progress of the Department of Civil Engineering. Disbursements are to be made upon the recommendation of the Chairman of the Department of Civil Engineering and the Dean of the College of Engineering.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

c. The Tahlman Krumm Engineering Memorial Fund (continued)

Should the Department of Civil Engineering or the College of Engineering cease to exist through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering instruction.

- d. \$7,950.00 from Mrs. W. Alton Jones, swine organizations, associates, and friends of Harold E. Delong for the establishment of the Harold E. Delong Memorial Scholarship.

Harold E. Delong Memorial Scholarship

The Harold E. Delong Memorial Scholarship was established February 2, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from Mrs. W. Alton Jones, swine organizations, associates, and the many friends of the late Harold E. Delong, Columbus, Ohio, Swine Herdsman for the University's Department of Animal Science from 1963 to 1971.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

Annual income is to be used to provide one or more scholarships from sophomore, junior, or senior students enrolled in the Department of Animal Science who evidence a major interest in the swine industry. Students are to be selected by the University Scholarship Committee upon the recommendations of the Department of Animal Science.

Should the need for such scholarships cease to exist or so diminish as to create unused income, or should the Department of Animal Science cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for animal science education related to the swine industry.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

- e. \$3,500.00 from Mrs. Mildred Tapp Brinkley for the establishment of the John Richard Brinkley Memorial Scholarship Fund.

John Richard Brinkley Memorial Scholarship Fund

The John Richard Brinkley Memorial Scholarship Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Mildred Tapp Brinkley, Bellefontaine, Ohio, in memory of her son, Ensign John R. Brinkley (Eng-W'50), who was killed in action in Korea on December 23, 1950.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income shall be added to principal until such time as the principal equals \$10,000. After the principal reaches \$10,000 the annual income is to be used to provide one or more scholarships for students from Logan and Franklin Counties. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee. Preference is to be given to students having demonstrated academic ability and need for financial assistance.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

- f. \$1,135.00 from Dr. David H. Stansbery and friends and faculty members of the College of Biological Sciences for the establishment of The Museum of Zoology Fund.

The Museum of Zoology Fund

The Museum of Zoology Fund was established February 2, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from David H. Stansbery, Ph.D., Director of the Museum of Zoology, and other friends and faculty members of the College of Biological Sciences.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

f. The Museum of Zoology Fund (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for expeditions, purchase of collections and related expenses of the Museum of Zoology, as determined by the Director of the Museum of Zoology and with the approval of the Dean of the College of Biological Sciences.

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IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Air Condition Main Library

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 560,733.00	\$ 560,133.00	(\$ 600.00)

Revisions and deletions were made during installation due to conditions found during progress of the job.

The credit on this contract has been reflected in Budget Account 019074 (Air Condition Main Library).

B. Ohio Stadium--Intramural and Recreational Lighting System

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 17,113.00	\$ 24,444.85	\$ 7,331.85

The deterioration of the concrete at the edge of the "C" Deck made a complete redesign of the supporting structures for the lighting fixtures necessary.

Funds have been provided from Budget Account 801256 (Ohio Stadium Lighting).

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

C. University Hospital--Chilled Water Systems Additions

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,064,223.00	\$1,079,409.89	\$15,176.89

Revisions were made to the original specifications to provide a more effective system.

Funds have been provided from Budget Account 801228 (Hospital Chilled Water System).

D. River Union and Drama Facilities

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3,966,287.00	\$4,016,903.42	\$50,616.42

The installation of a fireplace in the snack room was originally requested as an alternate at time of first bidding; rebid of general contract was necessary and the alternate was not requested at rebid. At a later date the additional funds were made available and the fireplace was installed. Additional revisions were necessary during construction to provide improvements to the fire protection systems made possible by technological advances.

Funds have been provided from Budget Account 801083 (Speech Theater River Union) and Budget Account 801176 (River Union Drama Facility).

E. University College, Building No. 3

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,171,996.00	\$2,168,702.45	(\$ 3,293.55)

Revisions were made due to conditions found during construction. A sizeable credit was issued for deletion of hot and chilled water lines, since the immediate construction of Building No. 4 made these lines unnecessary.

The credit has been reflected in Budget Account 016055 (HB 886) and Budget Account 801145 (University College, Building No. 3).

F. Graduate Research Center for Biological Sciences

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$6,899,636.00	\$6,956,441.77	\$56,805.77

IV. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

F. Graduate Research Center for Biological Sciences (continued)

Throughout the laboratory areas, at the request of the College, vinyl asbestos tile was added. In the original contract there was no floor finish--the floors were concrete.

Funds have been provided from Budget Account 016031 (Graduate Research Center for Biological Sciences) and Budget Account 801137 (Biological Sciences Building).

Upon motion of Mrs. James, seconded by Dr. Sirak, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Elevator Repairs--Haskett Hall, McCracken Power Plant, McPherson Laboratory

This project will correct deficiencies in the elevators in these buildings to provide for additional safety.

Funds are budgeted in Account 125064 (Contract Repair).

B. Goss Laboratory, Law Building, Robinson Laboratory--Interior Maintenance

This project will accomplish the necessary painting, plastering, vinyl wall covering and related work as required.

Funds are budgeted in Account 125064 (Contract Repair).

C. Goss Laboratory--Partial Remodeling

This job was submitted for approval June 2, 1972, but after receipt of Federal Grant, modifications were found to be necessary to provide conformity with the expanded program.

This project involves extensive renovation of numerous existing spaces, including air conditioning, electrical systems, and general improvements to animal rooms and laboratories.

Funds are budgeted in Account 801293 (Goss Laboratory--Partial Remodeling).

February 2, 1973 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

D. Laneview Service Center--Railroad Siding

This project will replace the Stadium Drive railroad siding which served the University's warehouse and power plant. Siding was removed due to the construction of the Olentangy Freeway.

Funds are budgeted in Account 801211, to be reimbursed from State of Ohio for land use agreement for the construction of the Olentangy Freeway.

E. Mansfield Campus--Repair and Resurface Parking Facilities

This project will repair the existing surface treated parking lots to provide a stable base to prevent any unnecessary deterioration.

Funds are budgeted in Account 120942 (Mansfield Fund).

F. McCracken Power Plant--Electrical Utility Tie

This project will provide an increase in the electrical capacity available to the distribution system centered at McCracken Power Plant.

Funds are budgeted in HB 988, originally appropriated in SB 457 (Utilities and Renovation).

G. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

This project will consist of removing the remnants of the existing surface, as well as the unstable portions of the base material. The subdrainage system is to be expanded to prevent a reoccurrence of the current deterioration.

Funds are budgeted in Account 125064 (Contract Repair).

H. University Hospital--New Desuperheating Station, North Wing

This project will update the steam distribution system in the Medical Center Complex to provide an alternate steam supply of greater capacity to the Medical Center.

Funds are budgeted in Account 960200 (Hospital Rotary).

Upon motion of Mr. Shocknessy, seconded by Mr. Gushman, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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February 2, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Arps Hall, Chemical Engineering, Denney Hall,
Hamilton Hall--Interior Maintenance

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 1-15-73) Harold F. Mollenauer Company (Columbus)	\$ 60,566.00	\$ 66,200.00

Funds for this project have been provided from Budget Account 125064
(Contract Repair).

B. McCracken Power Plant--Additional Fuel-Oil Storage Tanks

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 11-28-72) Trapp Construction (Columbus)	\$ 45,100.00	\$ 47,135.00
<u>Plumbing Contract</u> (3 bids received 12-8-72) Farber Corporation (Columbus)	<u>66,350.00</u>	<u>75,900.00</u>
<u>Total All Contracts</u>	<u>\$111,450.00</u>	<u>\$123,035.00</u>

Funds for this project have been provided from Budget Account 801270
(Power Plant--Fuel-Oil Storage Tanks).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above awards of contracts and expenditures of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - WOSU-TV - Underground Electric Line,
Columbus and Southern Ohio Electric Company

The Columbus and Southern Ohio Electric Company has requested a 10-foot easement across Board of Trustees lands at 6680 North 3C Highway, Westerville, Ohio, to provide power to the site of the new WOSU-TV transmitter.

VII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Easement - WOSU-TV - Underground Electric Line,
Columbus and Southern Ohio Electric Company (continued)

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to act on behalf of the University to sign the necessary legal instruments to provide for the installation of this electric service.

B. Easement - Electric Line Anchor Easement, Columbus
and Southern Ohio Electric Company

The Columbus and Southern Ohio Electric Company has requested an easement to provide for the installation of an anchor on University lands opposite 2530 Olentangy River Road. The anchor will support an additional electric line supplying power to the new Chemical Abstracts Building.

It was recommended that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the anchor at the standard easement charge established by that office.

C. Purchase of Rinhart Collection of Daguerreian Art

Floyd and Marion Rinhart have brought together a collection of more than 1,800 historic images, some 1,160 of them daguerreotypes, depicting the period 1839 through 1865. The collection is catalogued and indexed in such a way as to make it valuable for research in many areas aside from photography. Sociology, history, art history, Black history, social psychology, and others will find a wealth of primary resource material.

The Rinharts have made an offer to sell the collection to the University. The Development Fund has been successful in interesting donors who have provided funds for the purchase of the Rinhart Collection.

President Enarson recommended that this purchase be approved and that the Acting Vice President for Administrative Operations be authorized to purchase this collection in accordance with the letter of November 14, 1972, addressed to Floyd and Marion Rinhart. Payment is to be made from Budget Account 523155. Payment will be made in ten annual installments of \$12,500, beginning in 1973, for a total of \$125,000.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote.

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VIII. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Josephine Bye Lord, Instructor Emeritus in the Department of English; Charles Frederick Mate, Associate Professor in the Department of Physics; and Harald Herborg Nielsen, Professor Emeritus in the Department of Physics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Josephine Bye Lord

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 12, 1973, of Josephine Bye Lord, Instructor Emeritus in the Department of English.

Mrs. Lord was born in Canton, Ohio. She received her A.B. and M.A. degrees from The Ohio State University. She taught English and History in the Worthington High School in 1926-27. Between 1943 and 1945 she served as Librarian of the Lord Hall Library. She served as an Instructor in the English Department from 1946 to 1966, when she retired as Instructor Emeritus. She was a member of Phi Beta Kappa and an honorary member of Chi Delta Phi.

Mrs. Lord's teaching responsibilities were in the area of Freshman English, where her intelligence, skill, and kindness made her one of our most valued and respected teachers, admired by her colleagues and her students.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Charles Frederick Mate

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 6, 1972, of Charles Frederick Mate, Associate Professor in the Department of Physics.

Dr. Mate was born in Buffalo, New York, on September 14, 1931. His parents returned to England when he was still a child and he was educated there, receiving his B.A. from Pembroke College of Oxford University in 1955 and his D.Phil. from Oxford University in 1958.

From 1958 to 1961 Dr. Mate was Assistant Professor of Physics at McMaster University in Canada. He came to Columbus in 1961 as Visiting Assistant Professor in the Department of Physics. In 1963 he was appointed Assistant Professor of Physics and in 1965 became Associate Professor of Physics. In the summer of 1965 he was a Visiting Research Fellow at the University of St. Andrews in Scotland.

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Charles Frederick Mate (continued)

Dr. Mate served his Department and the University in many ways. His cheerful personality, fine sense of humor, and deep interest in students all contributed to his reputation as an excellent teacher of both undergraduate and graduate students. For the past five years Dr. Mate had had general supervisory responsibility for a key introductory course sequence in the undergraduate curriculum. He also taught a number of advanced and graduate level courses and supervised the research of eight students who received the M.S. degree and six who received the Ph.D. degree. The research carried out by Dr. Mate and his students has been widely recognized as having made some fundamental contributions to the field of Low Temperature Physics. Dr. Mate served also on many Departmental Committees, including the Curriculum Committee and the Committee on Instructional Improvement, and was in the process of writing a book entitled Principles of Physics.

Dr. Mate was a member of various professional organizations, including the Canadian Association of Physicists from 1958-61, the American Association of Physics Teachers, and the American Physical Society.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Harald Herborg Nielsen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 8, 1973, of Harald Herborg Nielsen, Professor Emeritus in the Department of Physics.

Dr. Nielsen was born in Menominee, Michigan, on January 25, 1903. He attended St. Olaf College and the University of Michigan receiving the B.S. in 1926, the M.A. in 1927, and the Ph.D. in 1929.

After a year as American-Scandinavian Fellow at the Bohr Institute in Copenhagen, he came to The Ohio State University as Instructor in the Department of Physics in 1930. He progressed through the academic ranks and became Professor of Physics in 1943. In 1946 he became Chairman of the Department, a position he held with great distinction for the next twenty-one years.

During his career, Dr. Nielsen authored some 125 scientific papers and directed the research of 100 graduate students in the field of infrared molecular spectroscopy. He was Editor of the Journal of Molecular Spectroscopy and an Associate Editor of the Physical Review and of The Journal of Chemical Physics. He was one of the originators of The Symposium on Molecular Structure and Spectroscopy which has met at Ohio State annually since 1946.

February 2, 1973 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Harald Herborg Nielsen (continued)

Dr. Nielsen served as member and chairman of several commissions of the International Union of Pure and Applied Physics and of the National Academy of Sciences National Research Council. He was Science Attache in the U. S. Embassy in Sweden in 1952-53 and Science Consultant to the U. S. Secretary of State from 1958 to 1966.

Among the many honors he received are the Medal of the University of Liege, the Cross of Leopold (Belgium), the Cross of Order of Knights of Dannebrog (Denmark), and an honorary Ph.D. from the University of Dijon.

Dr. Nielsen was an honorary member of the Society for Applied Spectroscopy; a fellow of the American Physical Society and the American Association for the Advancement of Science; a member of the American Association of Physics Teachers, American Astronomical Society, Optical Society of America, Royal Danish Academy, Societe Francaise de Physique, Royal Society of Physics of the University of Liege, Phi Beta Kappa, Sigma Xi, and Sigma Pi Sigma.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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IX. REPORTS

A. Report on Action Taken by Ohio Board of Regents

President Enarson reported that the Ohio Board of Regents at the meeting on December 17, 1972, approved the

New degree program Doctor of Arts in Economics submitted
by The Ohio State University.

B. Report on the University's Investment Portfolio

The report dated February 1, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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February 2, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, March 2, 1973, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman

APPENDIX VI

REAL ESTATE PURCHASE CONTRACT

and

CLOSING AGREEMENT AND AFFIDAVIT

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REAL ESTATE PURCHASE CONTRACT

THIS AGREEMENT, made and entered into as of the _____ day of _____, 1973, by and between H. H. VAN METER and RUTH E. VAN METER, husband and wife, hereinafter collectively referred to as "Seller" and the Board of Trustees of THE OHIO STATE UNIVERSITY, hereinafter referred to as "Buyer".

WITNESSETH:

WHEREAS, Seller is desirous of selling the residential property located at 285 Croswell Road, Columbus, Ohio, to Buyer and Buyer is desirous of purchasing said property, on the terms and conditions hereinafter set forth;

NOW, THEREFORE, in consideration of the mutual covenants contained herein, it is agreed that:

1. PREMISES CONVEYED. Seller will sell and Buyer will purchase the real property located in the State of Ohio, County of Franklin, City of Columbus, known as 285 Croswell Road and more fully described as follows:

Being Lot No. 17 of the Roselea Subdivision as recorded in Plat Book 27, Page 40, Recorder's Office, Franklin County, Ohio.

2. CLOSING AND POSSESSION. This contract shall be performed and the transaction shall be closed within ninety days after the execution hereof unless an extension of time is mutually agreed upon. Possession by the Buyer may take place as soon after closing as mutually convenient but no later than June 1, 1973. The closing shall be held at such time and place in Franklin County, Ohio, as Buyer shall designate.

3. EVIDENCE OF TITLE. For the real property to be conveyed Seller shall, at Seller's option, furnish and pay for,

Real Estate Purchase Contract (continued)

(a) A complete original abstract of title extended to a date not earlier than ten days before the closing, certified in accordance with the Standards of the Columbus Bar Association; or

(b) An owner's closing title insurance commitment certified to a date not earlier than ten days before the closing, and after the closing an owner's title insurance policy, an ALTA Owners Form B-1970, or its equivalent, in the amount of the total purchase price.

(c) Said abstract or said commitment shall show in Seller and the policy shall insure in Buyer a good and merchantable title in fee simple free and clear of all liens and encumbrances except: (1) those created by or assumed by Buyer; (2) those specifically set forth in this contract; (3) zoning ordinances; (4) legal highways; and (5) restrictions, conditions and utility easements of record created or reserved as a part of a general plan in and for the subdivision in which said property is located, provided the same are acceptable to Buyer.

(d) If title insurance is used, the entire cost of all commitments and title insurance policies issued in accordance with this contract and the cost of the title examinations made for said purposes shall be paid by Seller. Surveys and subdivision or parcel plats shall be paid for by Buyer.

(e) If the title to all or part of the real property to be conveyed is defective or unmerchantable, or if any part of the real property is subject to liens, encumbrances, easements, conditions or restrictions other than those excepted in this contract, or in the event of any encroachment, Seller shall have a reasonable time, not to exceed thirty (30) days, after written notice thereof, within which to remedy or remove any such defect, lien, encumbrance, easement, condition, restriction or encroachment, or obtain title insurance against the same.

4. PRICE. The purchase price shall be One Hundred Forty Thousand Dollars (\$140,000) in cash at closing.

5. TAXES AND ASSESSMENTS. Seller shall pay all delinquent taxes, penalties and interest, and all special assessments now a lien, both current and reassessed and whether due or to become due.

Seller shall pay or credit on the purchase price, all real estate taxes for years prior to the closing, and a portion of such taxes for the year of closing, prorated through the date of closing. The pro-ration of undetermined taxes shall be based on a 365 day year and on the last available tax rate and valuation, and the amounts so computed and adjusted shall be final.

Except as hereinafter set forth Seller warrants that all assessments now a lien are shown on the Treasurer's duplicate and that no improvements (site or area) have been installed by public authority the cost of which is to be assessed against said premises in the future; and Seller further warrants that he has not been notified of possible future improvements by public authority, any part of the cost of which would or might be assessed, against the real property.

6. DEED. Seller shall convey to Buyer a good and merchantable title in fee simple to the real property by transferrable and recordable general warranty deed, with release of dower, free and clear of all liens and encumbrances, except those excepted in paragraph 3(c), above. Title shall be conveyed to "The State of Ohio for the use of The Ohio State University".

7. FIXTURES AND EQUIPMENT. The premises conveyed shall include in working condition all water softeners, electric garbage disposals, inside incinerators, kitchen appliances, television aerials, meters, furnaces, firing and furnace control apparatus, central airconditioning equipment, intercom systems, fireplace heaters, heating appliances, gas, electric, lighting, bathroom and lavatory fixtures, built-in

Real Estate Purchase Contract (continued)

equipment, refrigerators located in the kitchen and in the family room, automatic washer, automatic dryer, kitchen ranges, ovens, attached or affixed linoleum and tile floor covering, pergolas, arbors, shrubs, plants, trees, awnings, fly screens, window shades and blinds, curtain rods and poles, auxiliary doors and windows, porch blinds, screens, awnings, pertaining to the premises, whether now in or on the premises or in storage, carpets, drapes, metal shelving and metal storage cabinets.

8. WATER, SEWER AND STREET CLEANING BILLS. Seller shall pay all accrued water and sewer rental charges and all outstanding street cleaning bills to the closing date.

9. DAMAGE OR DESTRUCTION OF PROPERTY. Risk of loss to the real property and appurtenances from fire or other casualty shall be borne by Seller until closing, provided that if said property is substantially damaged or destroyed by fire or other casualty prior to the closing of the transaction, Buyer may (1) elect to proceed with the transaction in which event the Buyer shall be entitled to all insurance money, if any, payable to Seller under any and all policies of insurance covering the property so damaged or destroyed, or (2) elect to rescind the contract in which event all parties hereto shall be released from all liability hereunder. If Buyer elects to rescind the contract, it shall so notify Seller in writing within ten (10) days after Buyer has written notice of such damage or destruction; failure by Buyer to so notify Seller shall constitute an election to proceed with the transaction.

Seller will at his expense have the premises inspected by a qualified exterminator and provide to Buyer a certification that there is no insect, rodent or pest infestation of the premises or damage resulting therefrom. If such certification discloses any such infestation or damage, Seller will, at his cost, cause such infestation or damage to be eliminated or repaired prior to the closing, in workmanlike manner and to the reasonable satisfaction of Buyer.

Real Estate Purchase Contract (continued)

10. GENERAL PROVISIONS. This contract shall be governed by the laws of the State of Ohio.

The obligations of Buyer hereunder are conditioned upon approval of the expenditure herein contemplated by the Ohio Board of Regents and by the Controlling Board of the State of Ohio.

This contract is not assignable by either party without the written consent of all other parties hereto.

All warranties, representations and covenants herein contained shall survive the closing and if said deed and this contract are inconsistent, the provisions of this contract shall control.

In no event will Buyer be responsible for any commissions claimed as a result of this transaction. Seller agrees to hold harmless and indemnify Buyer against any and all costs including attorneys fees which may arise as a result of any such claim.

At the closing, Seller shall deliver to Buyer a closing agreement and affidavit in the form attached hereto and incorporated herein which may except liens and encumbrances not inconsistent with the other provisions of this contract.

THE BOARD OF TRUSTEES OF THE
OHIO STATE UNIVERSITY

By: _____
Buyer

H. H. Van Meter

Ruth E. Van Meter
Seller

CLOSING AGREEMENT AND AFFIDAVIT

State of Ohio
County of Franklin, ss:

_____, hereinafter designated owner, whether one or more than one, and if a corporation or partnership its official who signs these presents, being first duly sworn and cautioned according to law, deposes and states that _____ in possession of and the owner in fee simple of the following described real estate:

That owner has not been notified within the period of two years immediately preceding the date hereof, of contemplated improvements to said premises by public authority, the cost of which are to be assessed as special taxes against said premises in the future; that no unpaid improvements which might ripen into a mechanics lien have been made to said premises within the sixty days immediately preceding the date hereof; that owner has no knowledge of off record or undisclosed legal or equitable interest in said property owned by any other person, firm or corporation; that owner, except during minority, has never been and is not now under legal disability; that all former spouses, if any, of owner are deceased or such prior marriages legally terminated by divorce; that the rights of tenants, if any, in said premises, have been fully disclosed to purchaser; that the abstract of title furnished for said premises is correct to the best of owner's knowledge and belief; that the only encumbrances upon the title to said premises are:

that no improvements to said premises have been financed by F. H. A. Title loan or loans; that the improvements on said premises are located within the lot lines and owner, with respect to said improvements has knowledge of no structural or other defects, infestation by termites or other destructive insects, or uncomplied with orders of civil authority having jurisdiction, and that owner warrants the improvements to be free of structural or other defects; that all utility service lines serving said premises are located within the premises sold and conveyed, within lands dedicated to public use or recorded easements for the same, and that no such lines cross other private property unless the same are installed pursuant to recorded easements; that, if owner is a partnership or corporation, its officials consummating this transaction are properly authorized to do so, and agree that said partnership or corporation as well as said officials and the signatory hereto shall be bound by these presents; that all of the above matters, statements and representations are made to supplement the contract of sale this date being performed, and in consideration of and for the purpose of inducing _____ to consummate the purchase of said premises this date, and that the said purchasers may rely hereon, and that previous representations, whether oral or written, and the warranties of title made in the deed for said premises to the said purchasers this date, shall not void or limit the representations made herein.

Closing Agreement and Affidavit (continued)

Further affiant saith not.

Sworn to before me and subscribed in my presence this _____ day of
_____, 1973.

Notary Public

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 2, 1973

The Board of Trustees met at its regular monthly meeting on Friday, March 2, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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March 2, 1973 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of Six Divisions in the College of Pharmacy

The University Senate on February 13, 1973, approved the recommendation from the Council on Academic Affairs pursuant to Rule 13.0501 of Rules for the University Faculty that the College of Pharmacy be organized into six Divisions, effective July 1, 1973.

Since the College is involved in many diverse educational efforts at several levels, e.g., undergraduate, graduate, and continuing education, and research; organization of these functions into Divisions to facilitate a more effective academic and administrative structure within the College is seen as highly desirable. The Divisional structure would provide more appropriate visibility of the several areas of instruction, research, and scholarly endeavor within the College, particularly at the graduate level.

The proposed Divisions are as follows:

Division of Administrative and Social Sciences
Division of Clinical Pharmacy and Professional Practice
Division of Medicinal Chemistry
Division of Pharmaceutics and Pharmaceutical Chemistry
Division of Pharmacognosy and Natural Products Chemistry
Division of Pharmacology

President Enarson recommended that the Divisions for the College of Pharmacy, as recommended by the University Senate, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Degrees and Certificates Conferred--Winter Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 16, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 363.)

Upon motion of Mr. Shocknessy, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Football Tickets--Price Modification

The Athletic Council recommends the following price changes for football tickets, effective with the 1973 season:

March 2, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Football Tickets--Price Modification (continued)

- (1) Games scheduled two Saturdays or more prior to the opening of the Autumn Quarter classes will not be included in the student season football ticket.
- (2) Accordingly, the price of the student season football ticket will be reduced from \$14 to \$12 and the cost of the second season ticket for a non-student spouse will be \$16.
- (3) Students will be provided with the opportunity to purchase individual tickets for themselves and their non-student spouse for the home games which are scheduled two Saturdays or more prior to the opening of Autumn Quarter at \$3 per ticket.
- (4) Individual game reserved seats and some box seats which were priced at \$6 will be increased to \$7 per ticket.
- (5) The remaining individual game box seats will be increased from \$7 to \$8 per ticket.
- (6) The price of season tickets for faculty and staff will continue unchanged since the price of these tickets was increased in 1971.

The Athletic Council further recommends that the additional income derived from these price modifications be reserved for major maintenance and renovation programs for the Ohio Stadium which would include such possible items as treatment and painting of the exterior concrete face and exposed structural steel components, modification of public lavatories, and replacement of some of the present seats.

President Enarson recommended that the Board of Trustees approve the ticket policy and price changes as proposed by the Athletic Council.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

D. Honorary Degree

President Enarson recommended under Section 3, Rule 11.05, and after consultation with the Steering Committee of the University Senate, that the honorary degree, Doctor of Laws, be conferred on Phillip R. Shriver, President of Miami University, at the March 16, 1973 Commencement.

Upon motion of Dr. Sirak, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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March 2, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES

Personnel changes since the February 2, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Retirement, Promotion, Leaves of Absence Without Salary, and Emeritus Title:

A. Retirement

James R. McCoy has requested retirement from the Deanship of the College of Administrative Science and from the Professorship on the Academic Faculty of Accounting, effective July 1, 1974. Dean McCoy will receive the full retirement benefits which accrue to principal administrative officials.

B. Promotion

Marvin R. Zahniser from Associate Professor, Department of History, to Associate Professor and Chairman of the Department of History, effective March 1, 1973, at a salary of \$24,048.00 per annum (three-quarter appointment), and promotion of Dr. Zahniser from Associate Professor to Professor, effective April 1, 1973.

C. Leaves of Absence Without Salary

John C. Burnham, Professor, Department of History, effective April 1, 1973 through September 30, 1973, to accept a Fulbright lectureship in Australia.

Kathel A. Kerr, Associate Professor, Department of History, effective April 1, 1973 through June 30, 1973, to accept a Fulbright lectureship in Japan.

Margaret E. Griffiths, Instructor, Cooperative Extension Service, effective January 16, 1973 through March 16, 1973, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Title

Leota L. Balsizer, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective January 1, 1973.

President Enarson recommended that the Retirement, Promotion, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. SPECIAL REPORT

A. Alcoholic Beverages - University Residential Facilities

President Enarson presented the following report:

I wish to announce at this time a modification in the existing University regulations on the possession and use of alcohol on this campus. Because of the many expressions of concern which I continue to receive, both from our students living on this campus as well as those charged with responsibility for management of our residential facilities, I have devoted a substantial amount of time examining this issue.

After a comprehensive review, numerous discussions, and a great deal of reflection, I am now convinced that the best course at this time is to extend to the students who reside within University residential facilities the privileges and responsibilities which are provided by the laws governing alcoholic beverages in the State of Ohio.

Accordingly, I am announcing the following revision in this University's policy relating to the possession and consumption of alcohol on campus.

In accordance with authority vested in me by Board action in October 1970, I am specifically authorizing the possession and consumption of alcoholic beverages in individual student rooms and apartments on campus provided that each residential unit desiring the availability of alcohol develop an approved plan fully consistent with local, state, and federal laws before such permission is granted. To receive approval, such plans must incorporate appropriate safeguards to assure (1) that such consumption will be restricted to student rooms and apartments and (2) that the rights of individuals to whom the use of alcohol is offensive will be fully respected.

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March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the February 2, 1973 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	14	\$ 732,715.00
The Ohio State University Research Foundation	21	1,390,880.00
The Engineering Experiment Station	1	11,654.00
The Ohio State University Development Fund	4,286	1,157,742.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of named funds, were approved by unanimous voice vote.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer

1. Contracts and Grants

- a. \$177,492.00 additional grant by United States of America, Agency for International Development, Washington, D. C., to the University for USAID/Brazil project, College of Agriculture and Home Economics, for the period January 1, 1973 through December 31, 1973. (Contract No. AID/1a-161 [Brazil], Amendment No. 13)
- b. \$158,399.00 additional grant by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for support of the ERIC Clearinghouse on Vocational and Technical Education, under the direction of The Center for Vocational and Technical Education, for the period December 31, 1972 through August 31, 1973. (Contract No. OEC-0-70-1214, Modification No. 6)
- c. \$90,443.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05409-12)
- d. \$78,036.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Medicine, for the period July 1, 1972 through June 30, 1973. (I.D. No. 1 7 45 0430 15 1)
- e. \$60,055.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Dentistry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 2 7 45 0430 15 1)
- f. \$56,139.00 additional grant by National Science Foundation, Washington, D. C., to the University for Institutional Grant for Science, under the direction of the Graduate School. (Grant GU-3637, Amendment No. 3)
- g. \$30,406.00 granted by National Science Foundation, Washington, D. C., to the University for support of a Cooperative College-School Science Program, under the direction of the Academic Faculty of Science and Mathematics Education. This grant will expire July 31, 1974. (Grant GW-7984, Proposal No. 3/1355)

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- h. \$25,116.00 granted by National Science Foundation, Washington, D. C., to the University for support of a Cooperative College-School Science Program, under the direction of the Academic Faculty of Early and Middle Childhood Education. This grant will expire July 31, 1974. (Grant GW-8012, Proposal No. 3/1370)
- i. \$24,922.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Careers of Ohio - Operation MEDIHC, under the direction of the College of Medicine. This grant expires September 30, 1973. (Contract No. NIH 72-4026, Modification No. 2)
- j. \$17,955.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05607-07)
- k. \$4,990.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Optometry, for the period July 1, 1972 through June 30, 1973. (I.D. No. 4 7 45 0430 15 1)
- l. \$4,262.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Student Loan, under the direction of the College of Veterinary Medicine, for the period July 1, 1972 through June 30, 1973. (I.D. No. 7 7 45 0430 15 1)
- m. \$3,500.00 granted by Small Business Administration, 1441 L Street, N. W., Washington, D. C., to the University to provide management counseling and technical assistance to small business concerns, under the direction of the College of Administrative Science. (Contract No. SBA-1568-PMA-73)
- n. \$1,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for U. S. Loan Program for Cuban Students, under the direction of the Office of Student Financial Aids, for the Spring Quarter, 1973. (Appropriation No. 7530573)

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period January 1, 1973 through January 31, 1973.

1. Federal Research Contracts

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Experimental Portion) (to be known as Project No. 2116 - Mod. #11 - Department of Physics).
Gross Value - \$240,000.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (to be known as Project No. 2116-A - Mod. #11 - Department of Physics).
Gross Value - \$65,000.00.
- c. Agency for International Development, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDC's (to be known as Project No. 2871 - Amend. #7 - Department of Agricultural Economics and Rural Sociology).
Gross Value - \$280,000.00.
- d. U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Trap Distribution in Semiconductors (to be known as Project No. 3253-A1 - Mod. #P00001 - Department of Electrical Engineering).
Gross Value - \$31,719.00.
- e. Department of the Army, Defense Civil Preparedness Agency, Washington, D. C., Studies in Disaster Response and Planning (to be known as Project No. 3395-A1 - Mod. #P204-2 - Department of Sociology).
Gross Value - \$60,000.00.
- f. Department of the Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Gas Turbine Transpiration Cooling Research (to be known as Project No. 3611-A1 - New - Department of Mechanical Engineering).
Gross Value - \$44,000.00.

TOTAL - Federal Research Contracts \$720,719.00

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

2. State Research Contract

- a. Ohio Department of Industrial Relations, Columbus, Ohio, Feasibility Study of a Cooperative Ohio/Federal Occupational Safety and Health (OSHA) Statistical Program (to be known as Project No. 3612-A1 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$54,766.00.

3. Industrial and Other Research Contracts

- a. Edison Electric Institute, New York, New York, Stress Corrosion Cracking of Stainless Steels and Inconels (to be known as Project No. 3507-A1 - Ltr. dtd. 12/28/72 - Department of Metallurgical Engineering).
Gross Value - \$300,000.00.
- b. AVCO Precision Products, Richmond, Indiana, Wind Tunnel Tests of Axisymmetric Wind Tunnel Shapes (to be known as Project No. 3587-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$13,548.00.
- c. University of Dayton, Research Institute, Dayton, Ohio, Providing Services to Air Force Flight Dynamics Laboratory (to be known as Project No. 3613-A1 - New - Department of Civil Engineering).
Gross Value - \$2,750.00.
- d. The Ohio Valley Health Services Foundation, Inc., Athens, Ohio, Evaluation Component of the Consolidated Emergency Medical Services System for Southeastern Ohio (to be known as Project No. 3614-A1 - New - Department of Preventive Medicine).
Gross Value - \$121,956.00.
- e. The Ohio Valley Health Services Foundation, Inc., Athens, Ohio, Education Component of the Consolidated Emergency Medical Services System for Southeastern Ohio (to be known as Project No. 3615-A1 - New - Department of Preventive Medicine).
Gross Value - \$32,805.00.
- f. Centerville Public Schools, Centerville, Ohio, Audit Services to the Centerville Public Schools (to be known as Project No. 3617-A1 - New - Academic Faculty of Educational Development).
Gross Value - \$5,000.00.

TOTAL - Industrial and Other Research Contracts \$476,059.00

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Control of Activity of Cardiac and Smooth Muscle (to be known as Project No. 874-N - Ext. #14 - Department of Physiology).
Gross Value - \$20,404.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as Project No. 887-N - Ext. #14 - Department of Psychology).
Gross Value - \$27,104.00.
- c. National Science Foundation, Washington, D. C., Photoelectric Spectrophotometry of X-Ray Sources, Non-Thermal Sources and Other Inhomogeneous Gaseous Nebulae (to be known as Project No. 2974 - Amend. #2 - Department of Astronomy).
Gross Value - \$13,700.00.
- d. National Science Foundation, Washington, D. C., Analysis of Plateau Micrometeorological Tower Data: Final Study (to be known as Project No. 3029-A1 - Amend. #3 - Institute of Polar Studies).
Gross Value - \$23,900.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Potentially Therapeutically Useful NAD Antagonists (to be known as Project No. 3351-A2 - Ext. #1 - Department of Chemistry).
Gross Value - \$22,228.00.

TOTAL - Federal Research Grants \$107,336.00

5. Industrial and Other Research Grants

- a. The Deafness Research Foundation, New York, New York, Experimental Infection of the Ear--An Electron-microscopic Observation (to be known as Project No. 3161-A3 - Ltr. dtd. 12/11/72 - Department of Otolaryngology).
Gross Value - \$10,000.00.

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

5. Industrial and Other Research Grants (continued)

- b. The Duriron Company, Inc., Dayton, Ohio, The Ductility of Alloy Castings (to be known as Project No. 3366-A1 - Ltr. dtd. 1/5/73 - Department of Metallurgical Engineering).
Gross Value - \$12,000.00.
- c. The Deafness Research Foundation, New York, New York, X-Ray Microanalysis of Inner Ear Tissue (to be known as Project No. 3608-A1 - New - Department of Otolaryngology).
Gross Value - \$10,000.00.

TOTAL - Industrial and Other Research Grants \$32,000.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contract during the period January 5, 1973 through February 6, 1973.

1. Industrial Research Contract

EES 436X The Biodegradation of Disposable Diapers in Septic Tanks, Procter & Gamble Company, Cincinnati, Ohio.
Gross Value - \$11,654.00.

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through December 31, 1972

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	18,585		\$ 422,326.00
Major Resources Group			
Major Individual Gifts	356	\$1,574,137.00	
Corporate Gifts	260	760,007.00	
Foundation and Non-profit Organization Gifts	<u>211</u>	<u>758,596.00</u>	
Total			<u>3,092,740.00</u>
Grand Total	19,412		<u><u>\$3,515,066.00</u></u>

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More

- a. \$59,078.49 from Comly Coleman Memorial Alcove, Columbus, Ohio, for literature for the College of Medicine.
- b. \$50,222.83 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
- c. \$32,000.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
- d. \$20,786.75 from Mr. Wilbert E. Chope, Coral Gables, Florida; \$12,905.50 for the Ophthalmologic Center and \$7,881.25 for the College of Engineering.
- e. \$20,000.00 from the Charitable Trust of Bertha T. Johnson, Columbus, Ohio, for purchase and preservation of books for the College of Law.
- f. \$18,000.00 from the Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for its scholarship fund.
- g. \$13,129.30 from Children's Hospital - Dispatch Charities, Columbus, Ohio, for scholarships in the College of Law.
- h. \$13,062.50 from Mr. Peter H. Edwards, Jr., Columbus, Ohio; \$7,000.00 for aid to student athletes and \$6,062.50 for the University Activities Center.
- i. \$13,020.00 from Mr. John Charles Martin, Worthington, Ohio, for assistance to the College of Administrative Science, Academic Faculty of Accounting.
- j. \$12,806.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship program in the Department of Electrical Engineering.
- k. \$12,000.00 from the Estate of William H. Heimberger, Columbus, Ohio, for its fund for the Department of Metallurgical Engineering.
- l. \$10,960.63 from the Estate of Avaneil C. Stambaugh, Lima, Ohio, for research in the College of Optometry.
- m. \$10,550.00 from Bell Laboratories, Columbus, Ohio, for research in the College of Engineering.

March 2, 1973 meeting, Board of Trustees

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- n. \$10,500.00 from the Edgar W. Ingram Foundation, Columbus, Ohio: \$10,000.00 for the University Activities Center and \$500.00 for aid to student athletes.
- o. \$10,500.00 from Mead Johnson & Company, Evansville, Indiana: \$5,500.00 for support of the Eye Bank at the University Hospitals and \$5,000.00 for research in the College of Veterinary Medicine.
- p. \$10,264.36 from the Barnebey Foundation, Columbus, Ohio, for support of the Center in the School of Natural Resources.
- q. \$10,000.00 from Dollar Federal Savings and Loan Association, Columbus, Ohio, for the University Activities Center.
- r. \$10,000.00 from Payne Fund, Inc., Cleveland, Ohio, for research in the College of Education.
- s. \$10,000.00 from Porthouse Foundation Income Account, Kent, Ohio, for support for the University Activities Center.
- t. \$9,762.19 from Mr. Paul G. Eckelberry, Columbus, Ohio, for a purpose to be designated at a later date.
- u. \$8,113.60 from Dr. Bernard S. Snyder, Columbus, Ohio, for support of teaching and research in the College of Dentistry.
- v. \$7,943.45 from the Estate of Melvin E. Moffitt, San Antonio, Texas, to establish an unrestricted fund.
- w. \$7,412.50 from an anonymous donor: \$6,015.94 for support for the Rinhart Collection, \$698.28 for support for the College of The Arts, and \$698.28 for research in Dairy Science.
- x. \$7,013.00 from the Charles F. High Foundation, Bucyrus, Ohio, for its scholarship fund.
- y. \$6,763.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
- z. \$6,003.75 from Mr. Robert M. Critchfield, Pontiac, Michigan: \$3,509.99 for the Fawcett Chair in Educational Administration and \$2,503.75 for the College of Engineering.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- aa. \$6,000.00 from Miles Laboratories, Inc., Elkhart, Indiana, for research in the College of Medicine.
- bb. \$5,868.75 from Mrs. Ethel B. Peterson, Cleveland, Ohio, for a purpose to be designated at a later date.
- cc. \$5,868.75 from Dr. James S. Reid, Hudson, Ohio, for support for the College of Medicine.
- dd. \$5,297.63 from Mr. and Mrs. Cyrus H. Sedgwick, Columbus, Ohio, for research in the College of Medicine.
- ee. \$5,130.00 from Mr. Edward E. Montgomery, Jr., Columbus, Ohio, for support of programs in the College of The Arts.
- ff. \$5,086.25 from Mr. James C. Donnell, II, Findlay, Ohio, for the Charles Austin Doan Chair in the College of Medicine.
- gg. \$5,000.00 from the Clow Foundation, Chicago, Illinois, for research in the College of Medicine.
- hh. \$5,000.00 from William P. and Pauline J. Deisel Scholarship Loan and Trust, Lima, Ohio, for its scholarship and loan fund.
- ii. \$5,000.00 from Grange Mutual Casualty Company, Columbus, Ohio, for scholarships in the College of Administrative Science.
- jj. \$5,000.00 from George Gund Foundation, Cleveland, Ohio, for aid for 4-H.
- kk. \$5,000.00 from Mrs. Grace M. Lawson, Buffalo Grove, Illinois, for scholarships and loans.
- ll. \$5,000.00 from Dr. Chester C. Winter, Worthington, Ohio, for research in the College of Medicine.

3. Gift-in-Kind

- a. A Douglas DC-3 aircraft from Wolfe Industries, Columbus, Ohio.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds

- a. \$10,000.00 from Mrs. Ervin H. Pollack for the establishment of The Ervin H. Pollack Memorial Scholarship Fund.

The Ervin H. Pollack Memorial Scholarship Fund

The Ervin H. Pollack Memorial Scholarship Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Ervin H. Pollack, M.A. '65, Columbus, Ohio, in memory of her husband, Ervin H. Pollack.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Law who have demonstrated academic ability and need for financial assistance. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law.

Should the need for the scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Dean of the College of Law.

- b. \$10,000.00 from Helen Hummell Sitterley and Kermit C. Sitterley for the establishment of The Helen H. and Kermit C. Sitterley Fund.

The Helen H. and Kermit C. Sitterley Fund

The Helen H. and Kermit C. Sitterley Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Helen Hummell Sitterley, B.S. '32, and Kermit C. Sitterley, B.S. '31, J.D. '33, Lancaster, Ohio.

The gift is to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income or principal is to be used for the benefit of the College of Law as recommended by the Dean of the College of Law.

IV. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Funds (continued)

b. The Helen H. and Kermit C. Sitterley Fund (continued)

Should the College of Law cease to exist, through any reorganization of the University, then the income or principal may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for law education.

c. \$1,000.00 from Howard N. Bullock for the establishment of The Guy H. Bullock Memorial Fund.

The Guy H. Bullock Memorial Fund

The Guy H. Bullock Memorial Fund was established March 2, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Howard N. Bullock, B.S. '40, J.D. '43, Columbus, Ohio, in memory of his father, Guy H. Bullock.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time, the annual income is to be used to provide one or more scholarships for students enrolled in the College of Law.

Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Dean of the College of Law. In any year the Dean of the College of Law determines the income is not needed for scholarship purposes, he may designate the income for any other use which will be for the best interest of the College of Law and its student body.

Should the College of Law cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for law education.

V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Improvements for the Handicapped - Phase III
(Building Improvements - Elevator)

Phase I of the project provided for modification of curbs and building of access ramps throughout the campus. Phase II provided for the purchase of vans for transportation of the handicapped. Phase III will provide for elevators in high density use buildings which will be available to our handicapped students. This phase is concerned with the building improvements program. An elevator will be installed in Derby Hall to supply one part of these improvements.

Additional phases will be implemented including rest room modifications, raised door numbers, door lever type handles, and drinking fountain modifications.

Funds are budgeted in Account 801272 (Improvements - Handicapped).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Easement - City of Columbus, Water Line North of Lane
Avenue Adjacent to Olentangy River Road

The City of Columbus has requested an easement across University lands north of Lane Avenue adjacent to the Olentangy River Road to install a 24-inch water line. The City, with the installation of this water line, will provide the University with continuous loop water service and should service be interrupted from one direction, the University could obtain water from another direction.

President Enarson recommended that the granting of this easement for the installation of the 24-inch water line north of Lane Avenue to the City of Columbus be approved. It was recommended further that the President and/or Acting Vice President for Administrative Operations be authorized

VI. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Easement - City of Columbus, Water Line North of Lane Avenue Adjacent to Olentangy River Road (continued)

to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the easement to provide for the right-of-way for the installation of the 24-inch water line.

B. Easement - Substation Site - To Provide Additional Electricity to the Main Campus

On March 13, 1969, the Board of Trustees granted to the Columbus and Southern Ohio Electric Company a right-of-way easement for the construction of an underground line to bring additional power to the Campus. The University's power requirements now dictate the construction of a substation at the terminus of the easement granted on March 13, 1969.

The site of the substation will be located approximately 2,000 feet north of King Avenue and east of the dike on the east side of the Olentangy River. The substation will be constructed by the Columbus and Southern Ohio Electric Company.

President Enarson recommended that the granting of an easement for the substation site to the Columbus and Southern Ohio Electric Company be approved. It was recommended further that the President and/or Acting Vice President for Administrative Operations be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the easement to provide for the substation site.

Upon motion of Dr. Sirak, seconded by Mr. Shocknessy, the above recommendations were approved by unanimous roll call vote.

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VII. RESOLUTION IN MEMORIAM

President Enarson reported to the Board the death of Nelle A. Morris, Assistant Professor Emeritus in the College of Education, Academic Faculty of Early and Middle Childhood Education. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Nelle A. Morris

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 8, 1973, of Nelle A. Morris, Assistant Professor Emeritus in the College of Education, Academic Faculty of Early and Middle Childhood Education.

March 2, 1973 meeting, Board of Trustees

VII. RESOLUTION IN MEMORIAM (continued)

A. Nelle A. Morris (continued)

Miss Morris was born in Champaign County where she began teaching in 1907 at the age of eighteen. Combining teaching and learning, she earned a diploma from Ohio University in 1913 followed by Bachelor of Science and Master of Arts degrees from The Ohio State University.

Her teaching experience in Ohio schools spanned a period of 52 years and included rural schools, Athens, Toledo, and Columbus schools prior to joining the first staff of The Ohio State University Laboratory School in 1929 where she served with distinction until her retirement in 1959. She received from Pi Lambda Theta in 1961 an award for outstanding service to the cause of education and for unselfish devotion to the problems related to the professional growth of teachers.

Miss Morris' teaching responsibilities included primary school children and elementary education majors aspiring to become teachers of such children. Her patience, skill, sense of humor, and insight into the learning problems of early childhood made her a highly valued teacher, respected by colleagues, children, and their parents.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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Mr. Eckley extended sympathy on behalf of the Board to Dr. Sirak on the recent losses in his family.

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VIII. REPORT

A. Report on the University's Investment Portfolio

The report dated March 2, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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March 2, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 6, 1973, at the Mansfield Campus of The Ohio State University, Mansfield, Ohio, at 10:30 a.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman

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APPENDIX VII

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 16, 1973

Page 364 Blank

The Recipient of Honors

PHILLIP R. SHRIVER

Doctor of Laws

Educator, administrator, and historian

We honor today one of Ohio's most distinguished educational statesmen. Noted educator, historian, and administrator, Phillip Raymond Shriver's commitment to the understanding and betterment of society has earned him national respect.

Leadership and accomplishment have been a habit for Phillip Shriver since his student days at Yale, Harvard and Columbia.

During the more than twenty-five years he has devoted to higher education in his native state of Ohio, Dr. Shriver has added immeasurably to the stature and quality of two major universities. His contributions as a member of the faculty and as an administrator at Kent State University led to his selection as the seventeenth President of Miami University.

His eight years at Miami have been characterized by growth and change in almost every dimension of the University. The Shriver imprint has enhanced the process of change. To growth he has added compassion, great personal dedication, and a sensitive awareness of the needs of students and faculty.

Dr. Shriver has also shared his many talents as well as his keen insights with the larger community. Among his many other recognitions, he is a trustee of the Ohio College Library Center, The Ohio Center for Leadership Studies and the Advisory Board of the Cincinnati Council on World Affairs. He is on the Executive Committee of the Council of Presidents of the National Association of State Universities and Land-Grant Colleges. He is a former chairman of Ohio's Inter-University Council. He is currently chairman of the Council of Presidents of the Mid-American Conference.

As further testimony to Phillip Raymond Shriver's leadership, service and dedication, The Ohio State University is proud to recognize his achievement of the highest ideals of scholarship and administration by conferring upon him the degree, Doctor of Laws, *honoris causa*.

Graduate School

Dean: Arliss L. Roaden

Doctor of Philosophy

One hundred and twelve candidates

Harrison Leslie Adams, Cleveland
Ed.Mus.B. (Oberlin College); M.A. (California State College at Long Beach)
Dissertation: Problems of Composing Choral Music for High School Use
Field of Specialization: Music

Darlene Jean Alberts, London
B.A. (College of Steubenville); M.A.
Dissertation: King Hussein of Jordan: The Consummate Politician
Field of Specialization: History

Mazen Yacoub Anastas, Baghdad, Iraq
B.Sc. (University of Baghdad); M.S.
Dissertation: A Visual Study of the Dynamics of Polymer Extrusion
Field of Specialization: Chemical Engineering

Jason Philip Aronoff, Millville, N. J.
B.A. (Kent State University); M.A.
Dissertation: Friendship as Related to Communication and Task Performance in Selected Groups of Children Ages Three Through Seven
Field of Specialization: Psychology

Emmanuel Victor Asihene, Kumasi, Ghana
B.A. (University of Science and Technology, Ghana)
Dissertation: Art Education Development and Curriculum Planning for National Development in Ghana
Field of Specialization: Art Education

Evelyn M. Shiflett Barnes, Stanardsville, Va.
B.S. (College of William and Mary); M.S. (Old Dominion University)
Dissertation: The Effects of Using a Self-Instructional Module on Teacher Perceptions of the Attitudes and Values of Disadvantaged Inner-City Black Youth
Field of Specialization: Education

Edward Barton Bell, Jr., Cleveland Heights
B.A., M.A. (Miami University)
Dissertation: The Choice of a Field of Study: A Study of Investment in Education
Field of Specialization: Economics

Robert Raymond Bezdek, Corpus Christi, Tex.
B.A. (Saint Mary's University, Texas); M.A.
Dissertation: Electoral Oppositions in Mexico: Emergence, Suppression, and Impact on Political Processes
Field of Specialization: Political Science

Margaret Berlin Blackman, Columbus
A.B. (Miami University); M.A.
Dissertation: The Northern and Kaigani Haida: A Study in Photographic Ethnohistory
Field of Specialization: Anthropology

John Hemphill Bowman, Columbus
B.S.Bus.Adm., M.A.
Dissertation: Cost and Benefit Spillovers as Factors Affecting Local Taxation for Public Schools
Field of Specialization: Economics

Michael Steven Broida, Bowling Green
B.S., M.A. (Bowling Green State University)
Dissertation: The Interaction Between Local Educational Efforts and State and Federal Subsidies
Field of Specialization: Economics

James Edward Eugene Brooks, Columbus
B.A., B.S.Bus.Adm., M.A.
Dissertation: Structure of Myth in the Novels of Boris Vian
Field of Specialization: Romance Languages

Curtis Franklin Brown, Jr., Columbus
B.Sc. in Soc.Adm., M.Social Work
Dissertation: Parents' Perceptions of Experiences Associated with Seeking Community Services for Their Preschool Age Retarded Child
Field of Specialization: Social Work

Joe Herbert Brown, Jr., Worthington
B.M.E. (University of Florida); M.S.
Dissertation: Stability Analysis Methods for Friction Systems
Field of Specialization: Engineering Mechanics

John Barclay Brown, Jr., Columbus
B.S.E.E., M.S.N.E. (Iowa State College); M.S. (University of Michigan)
Dissertation: Self Absorption Mossbauer Investigation of Neutron Activated Solid Krypton
Field of Specialization: Nuclear Engineering

Ellen C. Buckeridge, Columbus
B.S. (Siena Heights College); M.S. (Catholic University of America)
Dissertation: A Survey of Science Teaching in the Public Secondary Schools of the New England, Mideast, and Southwest States of the United States
Field of Specialization: Education

Robert Dale Burkett, Columbus
B.S.Ed., M.A. (Bowling Green State University)
Dissertation: The Use of Cladophora to Monitor Mercury Occurrence in Western Lake Erie Waters
Field of Specialization: Zoology

Jon Terry Butler, Arlington, Va.
B.E.E., M.Engr. (Rensselaer Polytechnic Institute)
Dissertation: Networks of Two-Input One-Output Flexible Cells—A study of the Logical Properties and Techniques for Synthesizing Realizable Functions
Field of Specialization: Electrical Engineering

Frederick Francis Campbell, Elmira, N. Y.
B.A. (Saint Lawrence University); M.A.
Dissertation: The Bavarian Army, 1870-1918: The Constitutional and Structural Relations with the Prussian Military Establishment
Field of Specialization: History

James Anthony Cella, Columbus
B.S. (Seton Hall University)
Dissertation: Hydroquinone Alkylation and Ullman Reaction of 2-halocarboxylic acid anhydrides
Field of Specialization: Chemistry

Anne Louise Charette, Edmonton, Alta., Canada
B.Ed., M.Ed. (University of Alberta)
Dissertation: The Development of Social Perception:
Age and Sex Differences on the Test of Social Inference
Field of Specialization: Psychology

Dhyaneshwar Chawan, Hyderabad, Andhra Pradesh, India
B.Sc.Ag. (Andhra University, India); M.S. (University
of Wisconsin)
Dissertation: Effect of Bovine Lactal Immunoglobulins
on Selected Viruses
Field of Specialization: Dairy Technology

Kenneth Frederick Connell, Columbus
A.B. (Princeton University); A.M. (Miami University)
Dissertation: An Evaluation of the Use of Management-
By-Objectives Meetings as an Organizational Development
Strategy
Field of Specialization: Psychology

Karen Dreier Cost, Columbus
B.S.Med.Tech., M.S.
Dissertation: Serum and Cellular Characteristics of a
Biclonal Gammapathy in a Case of Chronic Lymphatic
Leukemia
Field of Specialization: Pathology

Randolfo William Custodio, Piracicaba, Sao Paulo, Brazil
Engr.Agr., M.S. (University of Sao Paulo)
Dissertation: Growth and Egg Production as Effected by
Genes at the *du* Locus in Egg-Type Chickens
Field of Specialization: Poultry Science

Uttam Das Gupta, Kalyani, India
B.Sc., M.Sc. (University of Kalyani); M.S.
Dissertation: Studies on Mitochondrial Electron Transport
Field of Specialization: Physiological Chemistry

Dennis Calvin Deegan, Fort Lauderdale, Fla.
S.B., S.M. (Massachusetts Institute of Technology)
Dissertation: Stress-Corrosion Cracking of Steels in
Liquid-Ammonia Environments
Field of Specialization: Metallurgical Engineering

Thomas Albert DeFanti, Columbus
B.A. (Queens College); M.S.
Dissertation: The Graphics Symbiosis System—An
Interactive Mini-computer Animation Graphics Language
Designed for Habitability and Extensibility
Field of Specialization: Computer and Information Science

Kenneth Leo Diemerjian, Columbus
B.A. (Northeastern University); M.S.
Dissertation: Photochemistry of Sulfur Dioxide-Butane-2
Mixtures
Field of Specialization: Chemistry

Alfred Boyce Devereaux, Jr., Columbus
B.S. (United States Military Academy); M.S.
Dissertation: Investigations into the Feasibility of
Employing a Hypothetical Panoramic-Frame Camera
System in Aerial Triangulation
Field of Specialization: Geodetic Science

Margaret Marie Duber, Delaware
B.A. (College of Steubenville); M.S.
Dissertation: Chromosome Abnormalities, Sex Ratio, and
Fertility in *Gallus Domesticus*
Field of Specialization: Dairy Science

Freeman Dee Eads, Waterloo, Ia.
B.S.Ed. (Kansas State College of Pittsburg);
M.S. (Wisconsin State University)
Dissertation: Vocational-Technical Component of the
Preservice Curriculum for Community College
Administration
Field of Specialization: Education

Harry William Emrick, Columbus
B.S. (United States Military Academy); M.S.
Dissertation: Computation Techniques for Various Gravity
Anomaly Correction Terms and Their Effect upon
Deflection of the Vertical Computations for Mountainous
Areas
Field of Specialization: Geodetic Science

Ching-Chiou Feng, Taipei, Taiwan
B.S. (National Taiwan University); M.S.
Dissertation: Analysis of Sonic Transducers
Field of Specialization: Engineering Mechanics

Ronald Philip Fisher, Queens Village, N. Y.
B.A. (Queens College); M.A.
Dissertation: An Examination of the Utilization
Hypothesis as an Explanation of the Word Apprehension
Effect
Field of Specialization: Psychology

Robert Louis Flachskam, Joliet, Ill.
B.A. (Lewis College)
Dissertation: Polyethylenimines: Their Structure,
Basicity, and Bifunctional Catalytic Activity in a
Hydrogen Exchange
Field of Specialization: Chemistry

Theodore Constantine Glanges, Youngstown
A.B. (Princeton University); M.S., LL.B., M.A.
(University of Michigan)
Dissertation: Time-Dependent Learning and the Dynamic
Demand of the Competitive Firm for Variable Factor
Field of Specialization: Economics

Willie Clayton Glover, Columbus
B.S.Ed. (Wilberforce University); M.A.
Dissertation: Selected Effects of Individual and Group
Counseling on Disadvantaged Elementary Pupils
Field of Specialization: Education

Stanley Melvin Goldstein, Columbus
B.S. (City College of New York); M.A. (Columbia
University)
Dissertation: The Awareness of Psychological Causality
with Regard to the Choice of Symptomatology in
Childhood Psychopathology
Field of Specialization: Psychology

Vincent John Gonino, Columbus
B.S.Ed.; M.Ed. (Ohio University)
Dissertation: The History and Development of Huntington
Memorial Outdoor Center, Raquette Lake, New York,
State University of New York College at Cortland
Field of Specialization: Physical Education

Solon Joseph Guerrero, Columbus
Licencia (Pontifical Catholic University of Javeriana,
Colombia); M.A. (New York University)
Dissertation: Structural and Individual Components of
Change in a Brazilian Agricultural Situation
Field of Specialization: Agricultural Economics and
Rural Sociology

Carolyn Irwin Hall, Iowa City, Ia.
B.S.Ed. (Southern State College); M.A.
Dissertation: The Effect of Amplified Elementary Science
Reading Materials upon the Comprehension of
Upper Grade Elementary School Children
Field of Specialization: Education

George David Hartman, Scranton, Pa.
B.S. (University of Scranton)
Dissertation: The Generation of Nitrenium Ions from
Hydroxylamine Derivatives
Field of Specialization: Chemistry

Denis Francis Healy, Kettering
S.B. (Massachusetts Institute of Technology); M.B.A.
Dissertation: The Perceived Effect of Environmental
Influences on Marketing Strategy in the 1970s
Field of Specialization: Business Administration

Kay Glazier Henzel, Lewisburg, Pa.
B.S. (Bucknell University)
Dissertation: Participation by Neighboring
Cyclooctatetraenyl Groups in Solvolytic Displacement
Reactions
Field of Specialization: Chemistry

Eloise Barnett Horton, Columbus
B.S. (West Virginia State College); M.A. (Marshall
University)
Dissertation: An Experimental Study to Compare the
Effectiveness of Two Methods of Group Counseling for
Black Junior High School Students
Field of Specialization: Education

James Dean Howell, Hagerstown, Ind.
B.S.A. (Purdue University); M.S.
Dissertation: Large Farm Organization in East Central
Ohio
Field of Specialization: Agricultural Economics and
Rural Sociology

Joan Sill Huey, Somers Point, N. J.
B.A. (Wittenberg University); M.S.
Dissertation: Lichen Distribution and Succession on
Selected Sites of Reclaimed Bituminous Strip Mines in
Clearfield County, Pennsylvania
Field of Specialization: Botany

Ronald John Hunt, Athens
B.S.Bus.Adm., M.A.
Dissertation: The Social and Political Thought of
David Ricardo
Field of Specialization: Political Science

Paul Edward Hurtubise, Columbus
B.A., M.S. (University of Cincinnati)
Dissertation: Studies of Membrane Immunoglobulin on
Normal and Abnormal Lymphocytes
Field of Specialization: Pathology

Don Carl Hutcherson, Dallas, Tex.
B.S.A.E. (Georgia Institute of Technology);
M.S. (Southern Methodist University)
Dissertation: Construction and Validation of Decision-
Theoretic Models of Low-Level Piloting Navigational
Behavior
Field of Specialization: Industrial Engineering

William Ideson Johnson, Worthington
B.S. (University of Cincinnati); M.Ed. (University of
Pittsburgh)
Dissertation: Hermetic Alchemy as the Pattern for
Schooling Seen by Ivan Illich in the Works of
John Amos Comenius
Field of Specialization: Education

Robert Morrison Jordan, Columbus
A.B. (Hiram College); M.S. (Western Reserve University)
Dissertation: Associative Learning and Stimulus
Discrimination in the Whirligig Beetle, *Dineutus Discolor*
(Aube)
Field of Specialization: Entomology

Francis Michael Jungfleisch, Columbus
B.S., M.S.
Dissertation: Reactions of Methyl Substituted Diboranes
and 2,2-Dimethyltetrahydroborane with Amine Bases
Field of Specialization: Chemistry

Helen Bearman Katz, Dayton
B.S., M.A.
Dissertation: The Relationship Between Aging and
Performance in the Study of Allied Medical Science
Field of Specialization: Education

George Earl Kerns, Columbus
B.S.Met.Engr. (Drexel Institute of Technology); M.S.
Dissertation: Stress Corrosion Cracking in Gaseous and
Aqueous Environments
Field of Specialization: Metallurgical Engineering

Jean Wootton Kincaid, Byesville
B.S.Rest.Mgt., M.S.
Dissertation: An Analysis of Selected Systems for
Providing Food Service to Low-Income Elderly in
Metropolitan Housing Centers
Field of Specialization: Home Economics

Gloria Wherry Dougherty Kinnaird, Columbus
B.S.Ed., M.A.
Dissertation: Identification of Relationships between
Organizational Climate Characteristics, Individual
Characteristics, and Work Related Attitudes and
Behaviors of School Psychologists
Field of Specialization: Education

Jean Katherine Kintgen, Urbana, Ill.
B.S. (Saint Xavier College); M.S. (DePaul University)
Dissertation: Developing Guidelines for Sequencing
Curriculum Content for Career Advancement in Nursing
Field of Specialization: Education

Louis Henry Knipling, Jr., Columbus
B.S. in C.E. (Carnegie Institute of Technology); M.S.
Dissertation: The Cartographic Potential of
Geostationary/Geosynchronous Satellites
Field of Specialization: Geodetic Science

Andrew Ivor Kohen, Columbus
B.Ph. (Wayne State University); M.A. (Yale University)
Dissertation: Determinants of Early Labor Market
Success Among Young Men: Race, Ability, Quantity and
Quality of Schooling
Field of Specialization: Economics

Satishchandra S. Kokrady, Bombay, India
B.Sc., B.S.Tech., M.Tech. (University of Bombay); M.S.
Dissertation: The Synthesis and Reactions of Acyclic
Sugar Nucleoside Analogs
Field of Specialization: Chemistry

Kenneth Alan Kuenhold, Warren
B.Eng. (Cornell University)
Dissertation: The Viscosity of Dilute ^3He - ^4He Mixtures
at Low Temperatures
Field of Specialization: Physics

Jeffrey Tsai-hwa Kuo, Taipei, Taiwan
B.S.(Eng.) (National Taiwan University)
Dissertation: Drag Reduction and Solution Studies of
Aluminum Branched Chain Disoaps in Toluene
Field of Specialization: Chemical Engineering

Wayne David Lammie, Sharpsville, Pa.
B.A. (Muskingum College); M.A. (University of
Pittsburgh)
Dissertation: Unemployment in the Truman
Administration: Political, Economic and Social Aspects
Field of Specialization: History

William Michael Lay, Ellicott City, Md.
B.Sc. in Sci. Engr. (Northwestern University); M.S.
Dissertation: The Double-KWIC Coordinate Indexing
Technique: Theory, Design and Implementation
Field of Specialization: Computer and Information Science

John Michael Lee, Columbus
B.A. (California State College at Los Angeles); B.S., O.D.
(Los Angeles College of Optometry); M.S.
Dissertation: Trigger Feature Analysis of the
Rabbit Visual Cortex
Field of Specialization: Physiological Optics

Kevin Patrick Lynch, Oxford
B.S.Ed., M.A.
Dissertation: An Investigation of the Effects of Rewarded
and Non-Rewarded Verbal and Observational Learning
on Specified Behaviors of Moderately Retarded Adults
Field of Specialization: Education

James Joseph Lyons, Kirksville, Mo.
B.S. (Fordham University); M.A.
Dissertation: The Retention of Ignored Information
Field of Specialization: Psychology

James Robert Males, Noblesville, Ind.
B.S. (Pennsylvania State University); M.S. (Michigan
State University)
Dissertation: Ration Digestibility, Rumen Bacteria and
Several Rumen Parameters in Sheep Born and Reared in
Isolation
Field of Specialization: Animal Science

Joseph T. Mayhew, Kent
B.S.Ed., M.A.
Dissertation: A Comparative Study of the Ideal Roles of
the Elementary Counselor and School Psychologist as
Perceived by School Psychologists and Intern School
Psychologists
Field of Specialization: Education

Donald Hudson McGee, Reynoldsburg
A.B. (Capital University); B.D. (Evangelical Lutheran
Theological Seminary); M.A.
Dissertation: Psychological Needs and Vocational
Maturity of Students in an Ohio Joint Vocational School
Field of Specialization: Education

Robert Henry Meisinger, Columbus
B.S. (University of Illinois)
Dissertation: Selected Molecular Miurations of
Polyolefins
Field of Specialization: Chemistry

David Middlesworth, Columbus
B.S., M.A. (San Jose State College)
Dissertation: The Democratic Influence of Karl Renner
in Austria
Field of Specialization: History

Philip Bartley Moore, Key West, Fla.
B.S. in Ed. (Eastern Illinois University);
M.A.T. (Miami University)
Dissertation: Staffing Patterns in the Cooperative
Extension Service
Field of Specialization: Agricultural Education

Paul Leroy Morris, New Concord
B.S. (Muskingum College); M.A.
Dissertation: Student Involvement in PTA Via the
PTSA Concept
Field of Specialization: Education

Ralph Ivan Nazareth, Bombay, India
B.S. (University of Bombay); B.Pharm. (Gujarat
University); M.S.Pharm. (University of Michigan)
Dissertation: A Physico-Chemical Investigation of the
Action of Hypolipidemic Agents
Field of Specialization: Pharmacy

John Alexander Neff, Kettering
B.S. (Ohio Wesleyan University); M.S.
Dissertation: Detection of Maximal Length Binary Time
Sequences in Additive Gaussian Noise: Application of
Sequential Likelihood Ratio Detection
Field of Specialization: Electrical Engineering

James Robert O'Connor, Westerville
B.S.Ed. (Ohio Northern University); M.S. (University
of Wisconsin)
Dissertation: Guidance Program Evaluation in 1970-1971
—A Follow-up of its Effectiveness and Value in Ohio
Schools
Field of Specialization: Education

Robert Jackson Oliver, Coronado, Calif.
B.S., M.A., M.S. (Oregon State University)
Dissertation: The Evaluation of an Eight Period Modified
Block Schedule at the Coronado High School
Field of Specialization: Education

John Alan Pennington, Altona, Ill.
B.A. (Pennsylvania State University); M.M. (University
of Cincinnati)
Dissertation: The Musical Peak Experience
Field of Specialization: Music

John Byron Pennington, Nashville, Tenn.
B.S. (University of Alabama); M.S. (Virginia
Polytechnic Institute)
Dissertation: Investor Expectations: An Empirical
Analysis of Sixteen Variables
Field of Specialization: Business Administration

Carl Richard Perrin, Defiance
B.A. (University of New Hampshire); M.Ed. (Rivier College)
Dissertation: Discovery, Structure and Voice: An Approach to Teaching Composition
Field of Specialization: Education

Danny Hughes Pogue, Sulphur Springs, Tex.
B.A. (Texas College); M.Ed. (Texas Southern University)
Dissertation: A Time Study of the Audio-Transcription Process
Field of Specialization: Education

Patricia Barney Powell, Venice, Fla.
B.A. (Kalamazoo College); M.A. (Case Western Reserve University)
Dissertation: An Investigation of Selected Syntactical and Morphological Structures in the Conversation of Secondary Students after Two Years' Study of French
Field of Specialization: Education

C. M. Ramakrishna, Bangalore, India
B.Sc. (Hons) (University of Mysore); Diploma (Indian Institute of Science); M.Sc. (University of Louisville)
Dissertation: Monte Carlo Analysis of the Radio Source Counts from the Ohio Survey at 1415 MHz
Field of Specialization: Electrical Engineering

Donald Roger Redman, Wooster
B.S.Agr., D.V.M., M.S.
Dissertation: The Response of the Porcine Fetus Exposed to Porcine Enterovirus, Transmissible Gastroenteritis Virus or Parvovirus
Field of Specialization: Veterinary Preventive Medicine

George Bruce Reed, Worthington
B.S. in Civil Engr. (University of Alabama); M.S.
Dissertation: Application of Kinematical Geodesy for Determining the Short Wave Length Components of the Gravity Field by Satellite Gradiometry
Field of Specialization: Geodetic Science

Henry George Rennie, Toledo
B.S.Bus.Adm., M.A.
Dissertation: Aggregation Theory, Investment Behavior and Rational Lag Functions
Field of Specialization: Economics

Fernando Rodriguez, Delaware
B.S. (Columbia University); M.A. (New York University)
Dissertation: The Art of Claude Simon: A Dual Perspective
Field of Specialization: Romance Languages

Harvey Sanford Rosenberg, Columbus
B.Ch.Engr. (Cooper Union); M.S.
Dissertation: The Solubility of Mercury in Polar Gases
Field of Specialization: Chemical Engineering

Sumita Roy, Ludhiana, India
B.Sc. (University of Allahabad); M.Sc. (University of Baroda)
Dissertation: Factors Related to the Adoption of Food Practices by Low Income Homemakers in the Expanded Food and Nutrition Education Program in Ohio
Field of Specialization: Home Economics

Ronald Gordon Rule, Columbus
B.E.E., M.S.
Dissertation: The Dynamic Scheduling Approach to Automated Vehicle Macroscopic Control
Field of Specialization: Electrical Engineering

George Sebouhian, Dayton
B.A. (Murray State College); M.A. (Vanderbilt University)
Dissertation: The Emersonian Idealism of Henry James
Field of Specialization: English

David Shinar, Columbus
B.A. (Hebrew University); M.A.
Dissertation: Context Effects on Processing Strategies for Recognition of Rotated Forms
Field of Specialization: Psychology

Richard Douglas Slack, Columbus
B.S. (Bowling Green State University); M.S.
Dissertation: Breeding Biology and Behavior of the Catbird (*Iumetella carolinensis*)
Field of Specialization: Zoology

Kendrick Lewis Spooner, Greeley, Colo.
B.S. (Michigan State University); M.A.
Dissertation: Establishment of Process Variables for Formative Curriculum Workshop Evaluation
Field of Specialization: Education

John Junior Stallard, Clinchport, Va.
B.S., M.A. (East Tennessee State University)
Dissertation: A Model for the Evaluation of the MDTA Skill Center Clerk-Stenographer Program for Appalachia
Field of Specialization: Education

Shirley May Steele, Port Richey, Fla.
B.S., M.A. (Columbia University Teachers College)
Dissertation: Investigation of Simulation Techniques with Teachers in the Area of Child Health Nursing
Field of Specialization: Education

Carol B. Stein, Johnstown
B.A. (Lake Erie College); M.S.
Dissertation: The Life History of *Amblema plicata* (Say, 1817), The Three-Ridge Naiad (Mollusca: Bivalvia)
Field of Specialization: Zoology

Jose Dimas Torres, Athens
B.A. (Inter-American University of Puerto Rico); M.P.A. (Syracuse University)
Dissertation: The Politics of Planning in Venezuela: A Case Study of the Roles of the Federation of Chambers and Associations of Commerce and Production Within the Planning Strategy for Development in Venezuela
Field of Specialization: Political Science

William L. Trombetta, Mentor
B.S. (Saint Joseph's College); M.B.A. (Temple University)
Dissertation: A Comparative Study of the Performance of Black and White Gasoline Service Station Dealers Within a Franchising Environment
Field of Specialization: Business Administration

Ting-Tsai Tseng, Detroit, Mich.
 B.S. (Taiwan Provincial Cheng Kung University);
 M.S. (New Mexico State University)
Dissertation: Buckling of Elastic Fibers in a Composite
 Plate with Viscoelastic Matrix
Field of Specialization: Engineering Mechanics

Duff Tucker, III, Rochester, N. Y.
 B.A. (College of Wooster); M.A. (Kent State University)
Dissertation: A Study of Behavioral Density in
 Interpersonal Networks
Field of Specialization: Sociology

Jane Yem Ying Fong Waldo, Columbus
 A.B. (Mount Union College); M.A.
Dissertation: Cognitive Complexity and Interpersonal
 Perception: A Content Analysis of College Students'
 Common-Sense Personality Descriptions with Emphasis
 on Interpersonal Sensitivity
Field of Specialization: Psychology

Connie Ruth Warren, Cleveland
 B.S., M.S.
Dissertation: A Comparative Study of Cost-Benefit
 Analysis Results Using Different Measures of Prior
 Earnings
Field of Specialization: Education

William Sprigg Webster, Worthington
 A.B. (Oberlin College); D.V.M.; M.S. (Wake Forest
 University)
Dissertation: Experimental Aortic Intimal Thickening
Field of Specialization: Veterinary Pathology

Alan Cranston Williams, Columbus
 B.S.Ed., M.A.
Dissertation: Model for Meeting Continuing Education
 Needs of Ohio Insurance Agents
Field of Specialization: Education

Peter Garrett Yackel, Worthington
 A.B., M. of Ed. (Wittenberg University); M.A.
Dissertation: The Original Criminal Jurisdiction of the
 Superior Courts of Judicature of Colonial Maryland,
 New York and Massachusetts
Field of Specialization: History

Carol Elizabeth Young, Louisville, Ky.
 B.A. (University of Louisville); M.S.
Dissertation: Design and Implementation of Language
 Analysis Procedures with Application to Automatic
 Indexing
Field of Specialization: Computer and Information Science

Donald Paul Zingale, Columbus
 B.S. (Brooklyn College); M.S. (University of
 Massachusetts)
Dissertation: A History of the Involvement of the
 American Presidency in School and College Physical
 Education and Sports During the Twentieth Century
Field of Specialization: Physical Education

Ronald L. Zishka, Columbus
 B.A. (Capital University); M.A. (Western Reserve
 University)
Dissertation: The Consensus of Clergy Role Task
 Expectations and Congregational Viability
Field of Specialization: Sociology

Master of Architecture

One candidate

Clifton Jay Macbeth, Elyria
B.Arch. (California State Polytechnic
College, San Luis Obispo)
Field of Specialization: Architecture

Master of Arts

One hundred and forty-nine candidates

John William Abegglen, Worthington
B.S.Ed.
Field of Specialization: Education

Peggy Ranier Ackley, Columbus
B.S. (Morehead State University)
Field of Specialization: Education

Dennis Ira Aig, Queens Village, N. Y.
B.A. (Queens College)
Field of Specialization: English

Mark Edward Aljian,
Cliffside Park, N. J.
B.A. (Roanoke College)
Field of Specialization: Psychology

Carmen Caridad Alvarez,
Rockford, Ill.
B.Mus. (University of Cincinnati)
Field of Specialization: Music

Marshall D. Amesquita,
Palos Hills, Ill.
B.S. (University of Illinois)
Field of Specialization: Education

Vicki Grant Axe, Philadelphia, Pa.
B.Mus.Ed. (Temple University)
Field of Specialization: Music

Geoffrey Lyle Bachert, Columbus
B.A.
Field of Specialization: Education

Dennis Clifford Bahmer, Jr.,
Newcomerstown
B.S.Agr.
Field of Specialization: Education

Linda Lewis Ball, Sandusky
B.S.Ed.
Field of Specialization: Education

Curtis Grant Balser, Columbus
B.S.Ed.
Field of Specialization: Education

Robert Alan Barcus, Cleveland
B.A.
Field of Specialization: Psychology

Christina Minzer Basinger, Columbus
B.S.Ed. (Bluffton College)
Field of Specialization: Education

Ronnie Michael Bell, Woodstock, Ga.
B.A. (Georgia State College); B.A.
(Lee College)
Field of Specialization: Music

John Kodzo Benissan, Accra, Ghana
Diploma (University of Ghana)
Field of Specialization: Dance

Helen Bond Berk, Columbus
B.S.Ed.
Field of Specialization: Education

Victoria Leslie Berk, Columbus
B.A. (Transylvania College)
Field of Specialization: Education

Betty Pugh Berry, Lucas
B.S.Ed. (Ashland College)
Field of Specialization: Education

Roger Edmond Billingsley, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

Suzanne Pratt Birch, Delaware
B.S. (State University of New York
at Cortland)
Field of Specialization: Education

David Hugh Blombach,
Fort Wayne, Ind.
B.A. (Michigan State University)
Field of Specialization: English

Judith Presser Blott,
Cleveland Heights
B.S.Ed.
Field of Specialization: Speech
Communication

Bonnie Frances Boggs, Pickerington
B.S.Ed.
Field of Specialization: History

Kenneth Leroy Bonnell, Columbus
B.A.
Field of Specialization: Anthropology

Dennis Alan Booher, Columbus
B.S.Ed.
Field of Specialization: Physical
Education

Georgiana Hood Bowman, Columbus
B.S.Ed. (Wilberforce University)
Field of Specialization: Education

Rodney Dickinson Boyette,
Raleigh, N. C.
B.A. (University of North Carolina)
Field of Specialization: Slavic
Languages

Robert Evans Brumett,
Springfield, Ill.
B.A. (Millikin University)
Field of Specialization: Philosophy

Dolores Brzycki, Philadelphia, Pa.
B.A. (University of Pennsylvania)
Field of Specialization: Slavic
Languages

Michael James Burke, Columbus
B.A.
Field of Specialization: Journalism

Diane Lillian Cadrain,
Cheshire, Conn.
B.A. (Albertus Magnus College)
Field of Specialization: English

Robert Boyd Carter, Indianapolis, Ind.
A.B. (Earlham College)
Field of Specialization: Journalism

Arthur Philip Chenoweth,
Baltimore, Md.
B.A. (Towson State College)
Field of Specialization: History

Asdrubal Alfonso Chirinos,
Maracaibo, Venezuela
Lic. en Educ. (Universidad del Zulia)
Field of Specialization: Public
Administration

Carol Anne Christy, Marietta
B.A. (Duke University)
Field of Specialization: Political
Science

Sue Ann Winters Cohen, Xenia
B.A. (Wright State University)
Field of Specialization: English

Linda Zoe Coppins, Columbus
B.S. (Kent State University)
Field of Specialization: Education

Lois Juillerat Covault, Columbus
B.S.Ed. (Miami University)
Field of Specialization: Education

Henri Deutsch, Scranton, Pa.
A.B. (Temple University)
Field of Specialization: Psychology

Christine Duffey, Annandale, Va.
B.A. (University of Virginia)
Field of Specialization: English

Jerry Thomas Duffey, Dayton
B.A.
Field of Specialization: History of Art

Tamara Taylor Ewing, Wapakoneta
B.S.Ed.
Field of Specialization: Education

Grace Maria Falcetta,
Wethersfield, Conn.
B.A. (University of Connecticut)
Field of Specialization: Education

*Douglas Alan Ferguson, Lima
*Field of Specialization: Speech
 Communication*

David Paul Feyh, Columbus
 B.S.Ed. (Ohio University)
Field of Specialization: Education

Paul Gordon Fields, Columbus
 B.A. (American International College)
Field of Specialization: Journalism

David Lee Fleming, Urbana
 B.A. (Butler University); B.D.
 (McCormick Theological Seminary)
Field of Specialization: Education

Sotiria Anastasios Genoozis, Columbus
 B.S.Ed.
Field of Specialization: Education

Donna Peter Gilbert, Columbus
 A.B., M.S. (University of Illinois)
Field of Specialization: Education

Anna Dorsey Givens, Frankfort
 B.S.Ed. (Ohio University)
Field of Specialization: Education

Barbara Wilcox Glatfelter,
 Westchester, Ill.
 A.B. (University of Illinois)
*Field of Specialization: Slavic
 Languages*

Henrietta Lamar Goolsby, Cleveland
 B.A. (Cleveland State University)
*Field of Specialization: Business
 Administration*

Dennis Robert Grimm, Columbus
 B.S.Ed.
Field of Specialization: Education

Frances Blastervold Guzman,
 Columbus
 B.A. (Luther College)
Field of Specialization: Journalism

Richard Arthur Harlow, Millersport
 B.S.Ed.
Field of Specialization: Education

Anna Levering Hartson,
 Fredericktown
 B.S.Ed. (Ashland College)
Field of Specialization: Education

Robert Lee Harvey, Jr., Columbus
 B.A. (Hampton Institute)
Field of Specialization: Education

Myra Nell Hayes, Prattville, Ala.
 B.A. (Samford University)
Field of Specialization: History of Art

Ursula Kolleck Heinz, Dayton
 B.A. (Wright State University)
Field of Specialization: German

Joel Paul Hermann, Columbus
 B.A. (Dana College)
Field of Specialization: English

Jose Luiz Hesketh,
 Rio de Janeiro, Brazil
 Diploma (Universidade Federal)
Field of Specialization: Psychology

Nancy Miller Hickman, Columbus
 B.S.Soc.Wel.
*Field of Specialization: Public
 Administration*

Joseph Frederick Hill, Belpre
 B.A.
Field of Specialization: English

Tom Lewis Hindes, Amherst
 B.S. (Miami University)
Field of Specialization: Education

Dennis Xavier Huelsman, Columbus
 B.S.
Field of Specialization: Education

Elaine Arrington Humphrey,
 Westerville
 B.S.Ed.
Field of Specialization: Education

Ralph David Jacobson, Malaga, N. J.
 B.S. (Albright College); M.C.P.
Field of Specialization: Education

Howard Glenn Jones, Columbus
 B.A. (Ohio Dominican College)
Field of Specialization: Psychology

William Nohokai Kama, Dayton
 B.A. (University of Hawaii)
Field of Specialization: Psychology

Roger Jay Katz, University Heights
 B.A.
Field of Specialization: Philosophy

Mary Kenney Kelly, Columbus
 B.A. (Youngstown College); M.S.
 (Alfred University)
Field of Specialization: Education

James Lehr Kennedy, Needham, Mass.
 B.A. (College of Wooster)
Field of Specialization: Economics

Arthur Eaton King, Cincinnati
 A.B. (Middlebury College)
Field of Specialization: Economics

Gilbert Snowden King, Columbus
 B.S.Ed.
Field of Specialization: Education

Donna Cecelia Kline, Phoenix, Ariz.
 B.A. (Arizona State University)
Field of Specialization: Philosophy

Dimitra Theophanopoulou Kontou,
 Athens, Greece
 B.A. (Athens University, Greece)
Field of Specialization: Linguistics

Clare Francis Kosbab, Blacklick
 B.S.Ed.
Field of Specialization: Education

Sherry Esposito Kuehnle, Columbus
 A.B. (Augustana College)
Field of Specialization: Education

Stanley Michael Labuda,
 Lockbourne AFB
 B.S. (Xavier University)
Field of Specialization: Education

Susan Salisbury Lee, Columbus
 B.A. (California State College at
 Los Angeles)
Field of Specialization: Education

Mary Drue Lehmann, Lockbourne
 B.S.Ed. (Bowling Green State
 University)
*Field of Specialization: Speech
 Communication*

Robert Jackson Leslie, Columbus
 B.S. (Ed.) (West Virginia University)
*Field of Specialization: Speech
 Communication*

Myran Elizabeth Lewis, Columbus
 B.A.
*Field of Specialization: Speech
 Communication*

Dale Edward Lichtblau, York, Pa.
 B.A. (North Carolina State
 University)
Field of Specialization: Philosophy

Patrice Koelsch Loose, Worthington
 B.A.
Field of Specialization: Philosophy

Will Ervin Marriot, Columbus
 B.S.Ed., M.Ed. (North Texas State
 University)
Field of Specialization: Education

Philip Michael Marsh, Springfield, Mo.
 A.B. (University of Missouri)
Field of Specialization: English

Jonpaul Rogers Martin, Leavittsburg
 B.A.
Field of Specialization: Psychology

Lynn Ann Masterson,
 Falls Church, Va.
 B.S. (Madison College)
*Field of Specialization: Physical
 Education*

* Also Bachelor of Arts,
 Colleges of the Arts and Sciences

Charles Ray McCall, Mount Vernon
B.A. (Bethany Nazarene College);
B.D. (Nazarene Theological
Seminary); M. of Theo. (South-
western Baptist Theological
Seminary)
Field of Specialization: History

Mary Margaret Hogan McCanne,
Columbus
B.S. (University of Texas)
Field of Specialization: Education

Bernadette Hartley Merluzzi,
Columbus
B.S. (Central Connecticut State
College)
Field of Specialization: Psychology

Juan Enrique Mezzich, Callao, Peru
M.D. (Universidad Peruana)
Field of Specialization: Psychology

Gail Gottschling Morgan, Salem
B.S. (Capital University)
Field of Specialization: Education

David Owen Nason, Chesterhill
B.A.
Field of Specialization: Education

Millard Lynn Neal, Barnesville
B.M., M.M. (University of Cincinnati)
Field of Specialization: Music

Beth Ann Volz Nold, Columbus
A.B. (University of Michigan)
Field of Specialization: Social Work

William Francis Noonan,
Waterbury, Conn.
A.B. (Assumption College)
Field of Specialization: English

Margaret Ann Novotny,
Mountain View, Calif.
B.A. (San Jose State College)
Field of Specialization: Psychology

William Wolff Nucklos, Canton
B.S. (Bowling Green State
University)
Field of Specialization: Psychology

William Eugene Oliver,
Cheshire, Conn.
B.A. (George Washington University)
*Field of Specialization: Public
Administration*

David Kinney Osborne, Columbus
B.A. (Hiram College)
*Field of Specialization: Speech
Communication*

Julia Lou Osborne, Columbus
B.A.
*Field of Specialization: Speech
Communication*

Philip Raynor Osmon, Tiffin
B.S.Phys.
Field of Specialization: Journalism

Alice Ann Parker, Sandusky
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Eddie Lewis Parks, Columbus
B.S.Ed.
Field of Specialization: Education

Margie Ann Powell, Columbus
B.S.Ed.
Field of Specialization: Education

William Linus Powell, Columbus
B.S.Ed.
Field of Specialization: Education

Beatrice Amzibel Quaranta, Columbus
B.S.H.E.
Field of Specialization: Education

David Richard Risch, Columbus
B.A. (Capital University); B.D.
(Evangelical Lutheran Seminary)
Field of Specialization: Education

David Lee Rodriguez, East Sparta
B.A. (Muskingum College)
*Field of Specialization: Business
Administration*

Barbara Ruth Rollins, Springfield
B.S.Ed.
Field of Specialization: Education

Judy Theresa Ruth, Bethlehem, Pa.
A.B. (Muhlenberg College)
*Field of Specialization: Political
Science*

Richard Elmer Saalfeld, Cincinnati
B.A. (Athenaeum of Ohio); B.A.
(Saint Joseph's College, Indiana)
Field of Specialization: Music

Robert Charles Schwartzman,
Columbus
B.A. (Wittenberg University)
Field of Specialization: Journalism

Charles David Schweickart, Columbus
B.S. (University of Dayton); Ph.D.
(University of Virginia)
Field of Specialization: Philosophy

Paul Edward Shaltry, Columbus
B.A. Jour.
Field of Specialization: Journalism

Mark Allen Sherouse, Miami, Fla.
B.A. (Florida State University)
Field of Specialization: Philosophy

Steven Alan Shull, Decatur, Ill.
B.S. (Manchester College); M.A.
(Ball State University)
*Field of Specialization: Political
Science*

Melahna Miller Singer, Columbus
B.F.A.
Field of Specialization: Education

Graciela Noemi Siri, New York, N. Y.
Diploma (University of El Salvador)
Field of Specialization: English

Edwin Harry Sroka, Berea
A.B. (Case Western Reserve
University)
*Field of Specialization: Romance
Languages*

Robert Ray Stamper, Columbus
B.S.Ed.
Field of Specialization: Education

Sharon Irene Swain, Amanda
B.S.Ed. (Ohio University)
Field of Specialization: Education

Jonathan Leigh Tafel, Columbus
B.S.Ed.
Field of Specialization: Education

Alford Thompson, Columbus
B.S. (Bluefield State College)
Field of Specialization: Education

Margaret Mary Timmons,
Syracuse, N. Y.
B.S. (Saint Lawrence University)
Field of Specialization: Psychology

John Edwin Toms, Columbus
B.S.Bus. Adm.
Field of Specialization: Education

Margaret Cecelia Toukonen, Jefferson
B.S.Ed.
Field of Specialization: Education

Barbara Louise Towers, Columbus
B.S.Ed. (Central State College)
Field of Specialization: Education

Robert Hugh Tripp, Metamora
B.S.Ed.
Field of Specialization: Education

Irwin Larry Udell, Youngstown
B.A.
Field of Specialization: Philosophy

Melvin Stephenson Ulm,
Tallahassee, Fla.
B.A., M.A. (Florida State University)
Field of Specialization: Philosophy

Dereen Carr Vanderlinde,
Rochester, N. Y.
B.A. (Denison University)
Field of Specialization: Education

Janet Lee Sampson Vizcarrondo,
Columbus
B.A.
Field of Specialization: Journalism

Linda Thomas Volkmar, Columbus
B.S.Ed.
Field of Specialization: Education

Marsha Lockhart Walker, Columbus
B.S.Ed.
Field of Specialization: Education

Janice Bruckner Ward, Columbus
B.A. (Lake Forest College)
Field of Specialization: English

Allan Lee White, Columbus
B.A. (George Washington University)
Field of Specialization: Geography

Roy Whitehead, Jr., Columbus
B.S.Ed. (Central State University)
Field of Specialization: Education

Diane Arvilla Wieland, St. Louis, Mo.
B.S. (Saint Louis University)
Field of Specialization: Education

DeAnna Lee Willeford
B.A. (Adrian College)
Field of Specialization: Education

Ralph Bernard Williams,
Tallahassee, Fla.
B.A. (Florida Agricultural and
Mechanical University)
Field of Specialization: Education

Joseph Kazimierz Winsen,
Newcastle, Australia
B.Com., M.Com. (University of
Newcastle, Australia)
Field of Specialization: Accounting

Janice Wilz Wise, Columbus
B.S. (University of Illinois)
Field of Specialization: Education

Christine Skrzypczak Wowczuk,
Port Chester, N. Y.
B.A. (Le Moyne College)
Field of Specialization: English

Beth Joy Wyman, Lorain
B.S.Ed.
Field of Specialization: Education

Rebecca Martin Young, Millersburg
B.S.Ed.
*Field of Specialization: Speech
Communication*

Clifford Herbert Zirkel, Columbus
B.A. (University of Texas);
B.Divinity (Southern Methodist
University)
Field of Specialization: Psychology

Master of Business Administration

Twenty-one candidates

Ronald Edward Boose, Newark
B.S.Bus.Adm. (Bowling Green State
University)
*Field of Specialization: Business
Administration*

John Hans Broehl, Worthington
B.S. (University of Dayton); M.S.
(Michigan State University)
*Field of Specialization: Business
Administration*

Murray Kingsley Chapple, Dayton
B.I.E. (General Motors Institute)
*Field of Specialization: Business
Administration*

Thomas Lee Clark, Lebanon
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Robert Eugene Cribbs, Jr., Canton
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Terrance Paul Dorrington,
Youngstown
B.S. in B.A. (Youngstown State
University)
*Field of Specialization: Business
Administration*

Jeffrey Duane Ford, Edgewood, Md.
B.S. (University of Maryland)
*Field of Specialization: Business
Administration*

Robert William Lowry, Akron
B.S.M.E. (University of Akron)
*Field of Specialization: Business
Administration*

Terry Wayne Malone, Columbus
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

David Randall May, Columbus
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Gary Edward Morin, Columbus
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Michael Bond Murray, Columbus
B.C.E.
*Field of Specialization: Business
Administration*

John Russell Null, Canal Winchester
B.S.M.E.
*Field of Specialization: Business
Administration*

Christine Louise Osterman, Minerva
B.S. (Mount Union College)
*Field of Specialization: Business
Administration*

Richard Gary Pankuch, Lyndhurst
B.A. (Ohio Wesleyan University);
M.A.
*Field of Specialization: Business
Administration*

Maurice Albert Purcell, Jr., Creston
B.S. (Purdue University)
*Field of Specialization: Business
Administration*

Wayne Eugene Roach, Jr., Columbus
B.S.Ind.Mgr. (Purdue University)
*Field of Specialization: Business
Administration*

Kenneth Steven Shifrin, Cincinnati
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Michael Allen Shope, Barberton
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

William Douglas Turpin, Columbus
B.S.
*Field of Specialization: Business
Administration*

Brian Yeager, Moscow, Pa.
B.S. (University of Scranton)
*Field of Specialization: Business
Administration*

Master of City Planning

Nine candidates

Ross Smith Carlson, Jr., Columbus
B.S.Ed.
*Field of Specialization: City and
Regional Planning*

James Rutherford Crawford,
San Diego, Calif.
A.B. (San Diego State College)
*Field of Specialization: City and
Regional Planning*

* Also Master of Social Work, Graduate School

David George Dippold, Columbus
B.S. (Bradley University)
Field of Specialization: City and Regional Planning

Francis Edward Glatfelter, Jr.,
Winter Park, Fla.
B.A. (University of Florida)
Field of Specialization: City and Regional Planning

Renee R. Magee, Kent
B.A., M.B.A. (Kent State University)
Field of Specialization: City and Regional Planning

David Cargill Marshall, Columbus
B.A.
Field of Specialization: City and Regional Planning

Susan L. Jenuleson Olson,
Chagrin Falls
B.S. (Michigan State University)
Field of Specialization: City and Regional Planning

Dennis Simon, Pittsburgh, Pa.
B.A. (University of Pittsburgh)
Field of Specialization: City and Regional Planning

Thomas David Tyson, Columbus
B.S.C.E.
Field of Specialization: City and Regional Planning

Master of Fine Arts

Two candidates

Rebecca Benson Burke, Flint, Mich.
B.A. (University of Guam)
Field of Specialization: Fine Arts (Painting)

Linda Louise Wesemeyer, Grafton
B.S.H.E.
Field of Specialization: Theatre

Master of Science

One hundred and twenty candidates

Douglas Alexander Andrews,
Port Clinton
B.S. (Bowling Green State University)
Field of Specialization: Zoology

Philip Charles Badger, West Salem
B.S.Agr.E.
Field of Specialization: Agricultural Engineering

Timir Banerjee, Columbus
M.B.B.S. (University of Calcutta, India)
Field of Specialization: Anatomy

Gary Walter Bauer, Sunbury
B.S.Agr.
Field of Specialization: Agricultural Education

Anne Parsons Blaisdell, Columbus
B.S. (Michigan State University)
Field of Specialization: Microbiology

James Harold Boardman,
Rapid City, S. D.
B.S. (Mc Gill University, Canada)
Field of Specialization: Computer and Information Science

Michael Robert Bolton, Columbus
B.S.Ed.; M.Ed. (University of Cincinnati)
Field of Specialization: Natural Resources

Ronald Wayne Bolton, Louisville, Ky.
B.S.
Field of Specialization: Microbiology

Sandra Corbin Bradbury, Columbus
B.A. (Central Methodist College)
Field of Specialization: Allied Medicine

Arthur William Browning, Columbus
B.S.
Field of Specialization: Geology

Robert Jeffery Bux, Wadsworth
B.S.M.E.
Field of Specialization: Mechanical Engineering

Paul Allen Catlin, Beaver, Pa.
B.S. (Carnegie-Mellon University)
Field of Specialization: Mathematics

Gary Robert Catzva, Greenbelt, Md.
B.S. (University of Maryland)
Field of Specialization: Computer and Information Science

Jagdeep Singh Chahal,
Amritsar, India
B.Tech. (Indian Institute of Technology)
Field of Specialization: Computer and Information Science

Anne Underwood Chase, Columbus
B.A. (College of Wooster)
Field of Specialization: Agricultural Economics and Rural Sociology

Fu-Mei Alice Chuang, Taipei, Taiwan
B.S. (Fu Jen Catholic University)
Field of Specialization: Allied Medicine

James Allen Daley, Grove City
B.S.Agr.
Field of Specialization: Agricultural Education

Ronald Jan DeHaas, Youngstown
B.S.
Field of Specialization: Geology

Paul Denis de Verteuil,
Arima, Trinidad
B.S. (University of the West Indies)
Field of Specialization: Civil Engineering

Herbert William Dornbush, Jr.
Columbus
B.S. (Case Western Reserve University)
Field of Specialization: Electrical Engineering

Frank Arthur Eischen, Fort Recovery
B.A. (Ohio Northern University)
Field of Specialization: Entomology

Jacob Merle Eshler, Jr., Canfield
B.S.I.E.
Field of Specialization: Industrial Engineering

Hu-Mei Lin Feng, San-Chung, China
B.S. (National Taiwan University)
Field of Specialization: Chemistry

Andrew Fetzek, Columbus
B.S.
Field of Specialization: Horticulture

Lawrence Howard Flores,
San Antonio, Tex.
B.A. (Saint Marys University, Texas)
Field of Specialization: Nuclear Engineering

*James Louis Fogle, Columbus
Field of Specialization: Electrical Engineering

Marsha Reiss Folger, Columbus
B.S.
Field of Specialization: Microbiology

Charlette Rae Gallagher,
Henessey, Okla.
B.S. (Oklahoma State University of Agriculture and Applied Science)
Field of Specialization: Allied Medicine

David Malcolm Galton, Nunda, N. Y.
B.S.Agr.
Field of Specialization: Dairy Science

* Also Bachelor of Electrical Engineering,
College of Engineering

Lana Hamler Giehl, Groveport
B.S.H.E.
Field of Specialization: Home Economics

James Harry Gilsdorf, Canton
D.D.S.
Field of Specialization: Dentistry

Thomas Ray Graumlich, Fostoria
B.S. Food Tech.
Field of Specialization: Horticulture

Sally Margaret Gravely,
Brooklyn, N. Y.
B.S. (Bluefield State College)
Field of Specialization: Microbiology

James Patrick Hadden, Columbus
B.S.
Field of Specialization: Animal Science

George Alan Hanuschak, Youngstown
A.B. (Youngstown University)
Field of Specialization: Statistics

Elsie Mae Burkey Hayes, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Howard Davis Hoffman,
Highland Park, N. J.
B.A. (Goddard College)
Field of Specialization: Animal Science

Dale Eugene Ihnat, Lowell, Mass.
B.S. (Lowell Technological Institute)
Field of Specialization: Physics

Ronnie June Johnson, New Carlisle
B.S.Agr.
Field of Specialization: Natural Resources

Stanley Edwin Johnson,
Canal Winchester
B.C.E.
Field of Specialization: Civil Engineering

Timothy Collins Johnson,
South Yarmouth, Mass.
B.S. (Worcester Polytechnic Institute)
Field of Specialization: Nuclear Engineering

Kenneth Thomas Kamenik,
Perryville
B.S.Agr.E.
Field of Specialization: Agricultural Engineering

Kwang Ho Kim, Choon Chun, Korea
B.S., M.S. (Seoul National University)
Field of Specialization: Electrical Engineering

Jack Elliot King, Dayton
D.D.S.
Field of Specialization: Dentistry

Carol Angela Klein, Montgomery, Ala.
B.S. (Louisiana State University and Agricultural and Mechanical College)
Field of Specialization: Computer and Information Science

Edison LeRoy Klingler, LaFayette
B.S.Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

Muneendra Kumar, Hyattsville, Md.
B.Sc., M.Sc. (Agra University, India)
Field of Specialization: Geodetic Science

Charles Henry LaHaie, Winooski, Vt.
B.S. (University of Detroit)
Field of Specialization: Computer and Information Science

Rahim Abdul Mohamed Lakhoo,
Mombasa, Kenya
B.S. (University of Nairobi)
Field of Specialization: Geodetic Science

Robert Lee Lane,
Fort Leavenworth, Kan.
B.S. (Centenary College); B.S. (University of Missouri at Rolla)
Field of Specialization: Geodetic Science

David Spence Lee, Cleveland
B.S. (Cleveland State University)
Field of Specialization: Mathematics

Doon Randolph Lee, Akron
B.S.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering

Ock Soon Lee, Seoul, Korea
B.Pharm. (Ewha Woman's University, Korea)
Field of Specialization: Pharmacy

Ted Chin Lee, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Agricultural Education

Kay Louise Lichy, Gibsonia, Pa.
B.S.Nurs. (Capital University)
Field of Specialization: Nursing

Jung Liu, Bowling Green
B.S. (National Taiwan University); M.A. (Bowling Green State University)
Field of Specialization: Mathematics

¹ Michael Carrol Long, Columbus
Field of Specialization: Metallurgical Engineering

Philip Marder, Maywood, N. J.
B.S.
Field of Specialization: Microbiology

John Walter Mark, Houston, Minn.
B.A. (Winona State Teachers College); M.Aerosp.Op.Mgt. (University of Southern California, Los Angeles)
Field of Specialization: Geodetic Science

Peter Maclyn Martin, Tallmadge
B.S. (Case Western Reserve University)
Field of Specialization: Physics

Mark Vance Mayer, Cheyenne, Wyo.
B.S. (United States Air Force Academy)
Field of Specialization: Physics

Merle Floyd McBride, Columbus
B.M.E.
Field of Specialization: Mechanical Engineering

Robert Morris McCance, Jr., Sylvania
B.S.Ed.
Field of Specialization: Natural Resources

Sister Kathryn McMenamin,
Philadelphia, Pa.
B.S. (Gwynedd-Mercy College)
Field of Specialization: Pathology

David Ward Metzdzorf, Cleveland
D.D.S. (Loma Linda University)
Field of Specialization: Dentistry

Allan Martin Michelson, Berea
B.A. (Muskum College)
Field of Specialization: Physiology

Don Robert Miller, Columbus
B.A., D.D.S.
Field of Specialization: Dentistry

Keigo Minami, Piracicaba, Brazil
B.S. (Universidade de Sao Paulo)
Field of Specialization: Horticulture

Nina Howard Modlin, Baltimore, Md.
B.S. (Morgan State College)
Field of Specialization: Microbiology

Dario Mier Montoya,
Bogota, Colombia
Ingeniero Civil (Universidad Nacional de Colombia)
Field of Specialization: Civil Engineering

¹ Also Bachelor of Metallurgical Engineering,
College of Engineering

Robert Eugene Moose, Columbus
B.S.
Field of Specialization: Geodetic Science

John Hobert Morrow, Xenia
D.D.S.
Field of Specialization: Dentistry

Daniel Martin Mulder, Holland, Mich.
B.S. (United States Air Force Academy)
Field of Specialization: Physics

Robert Richard Namay, Millbury
B.S. (Ohio University); D.D.S.
Field of Specialization: Dentistry

David Edward Orin, McDermott
B.E.E.
Field of Specialization: Electrical Engineering

Merle Davis Owdom, Solon
B.S.
Field of Specialization: Mathematics

Mohammad Bashir Parekh,
Karachi, Pakistan
B.E. (University of Karachi)
Field of Specialization: Civil Engineering

Richard Joseph Parrish,
Pittsburgh, Pa.
B.A. (Saint Francis College)
Field of Specialization: Mathematics

Lance Edward Perryman,
Pullman, Wash.
D.V.M. (Washington State University)
Field of Specialization: Veterinary Pathology

Kevin Forbes Probst, Berwyn, Pa.
B.S. (United States Air Force Academy)
Field of Specialization: Physics

Max Prola, Fairborn
B.S. (University of Illinois)
Field of Specialization: Engineering Mechanics

Elizabeth Crall Rafferty,
Reynoldsburg
B.S.Ed.
Field of Specialization: Home Economics

Rosa Shine Raskin, Columbus
B.S.
Field of Specialization: Microbiology

Richard Coe Reynolds, Madison, Wis.
B.S.M.E. (University of Notre Dame)
Field of Specialization: Industrial Engineering

John Calvin Rice, Reedsville
B.S.Agr.
Field of Specialization: Agricultural Education

David York Richardson, Columbus
B.S. (University of Michigan)
Field of Specialization: Industrial Engineering

Dale Lloyd Robinson, Columbus
B.S.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering

Charles Millard Rose, Jr.,
Wilson, N. C.
B.S. (United States Air Force Academy)
Field of Specialization: Geodetic Science

*John Allen Sarkett, Cleveland
Field of Specialization: Animal Science

Vasant Ramchandra Sarvate,
Ujjain, India
B.Sc. (Agra University); B.E. (University of Bombay)
Field of Specialization: Civil Engineering

Dale Richard Schaeffer, Kettering
B.S. in Met.Eng. (University of Missouri)
Field of Specialization: Metallurgical Engineering

Edward Schillinger, Berkeley, Calif.
B.S. (University of California, Berkeley)
Field of Specialization: Geodetic Science

Michael Ellis Segal, Cleveland
B.S.
Field of Specialization: Mathematics

Anthony William Seizys,
Philadelphia, Pa.
B.S. (United States Air Force Academy)
Field of Specialization: Geodetic Science

George N. Sfakianakis,
Thessaloniki, Greece
Diploma (Aristotelion University of Thessaloniki)
Field of Specialization: Radiology

Thomas Howard Shafer, Columbus
B.S. (Duke University)
Field of Specialization: Natural Resources

Richard Thomas Simko, Painesville
B.E.E.
Field of Specialization: Electrical Engineering

William Brenner Simon, Columbus
B.S.Agr.
Field of Specialization: Animal Science

Donna Jean Sprinkle, Hillsboro
B.S.
Field of Specialization: Zoology

Randall Lee Steele, Cleveland Heights
B.Met.E.
Field of Specialization: Metallurgical Engineering

Anthony K. Stevens,
Salt Lake City, Utah
B.S. (United State Air Force Academy)
Field of Specialization: Physics

Suzanne Marvin Strong, Reynoldsburg
B.S.
Field of Specialization: Computer and Information Science

Leroy George Taft, Corning, N. Y.
B.S.A. (University of Georgia)
Field of Specialization: Agronomy

Alfred Edward Taylor, Ashland, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Geodetic Science

Ronald Russell Teeter, Girard
B.A.A.E.
Field of Specialization: Engineering Mechanics

Dennis Dunbar Terry, Chillicothe
B.Ch.E.
Field of Specialization: Chemical Engineering

Lonnie Gene Thompson,
Gassaway, W. Va.
B.S. (Marshall University)
Field of Specialization: Geology

Theodore Ellsworth Tinsler, Columbus
B.M.E.
Field of Specialization: Mechanical Engineering

Lawrence Wayne Torley,
Wilton, Conn.
B.S. (Dickinson College)
Field of Specialization: Physiology

* Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics

Charles Elliott Tuttle, Columbus
B.A. (Trinity College); M.B.A.
(New York University); B.S.Agr.
Field of Specialization: Dairy Science

James Warner Wahl, Georgetown
B.S.Agr.
*Field of Specialization: Agricultural
Education*

Ronald Eugene Webb, Kingston
B.S.
Field of Specialization: Physiology

Francine Kay Welty, Smithville
B.A. (Yale University)
Field of Specialization: Dairy Science

John Joseph Whalen, Tucson, Ariz.
B.S.M.E. (University of Arizona)
*Field of Specialization: Computer and
Information Science*

John Thomas Whinnery, Columbus
B.S.Agr.
*Field of Specialization: Agricultural
Economics and Rural Sociology*

Bettie Keene White, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Mitchell Lee Yeary, South Charleston
B.M.E.
*Field of Specialization: Mechanical
Engineering*

Lyoni Ta-An Yen, New York, N.Y.
B.S. (University of Kentucky)
*Field of Specialization: Industrial
Engineering*

Pin-Pin Yin, Taipei, Taiwan
B.S.Eng. (National Taiwan
University)
Field of Specialization: Chemistry

James Ralph Zettler, Jr., Hamilton
D.M.D. (University of Kentucky)
Field of Specialization: Dentistry

Master of Social Work

One candidate

*James Rutherford Crawford,
San Diego, Calif.
A.B. (San Diego State College)
Field of Specialization: Social Work

* Also Master of City Planning, Graduate
School

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

College of The Arts

Dean: Lee Rigsby

Bachelor of Arts

Ten candidates

Alan Barinholtz, Skokie, Ill.
Mollie Elaine Brown, Kent
Rochelle Frances Eisman, Dayton
Barbara Perrin Foster, Columbus
William George Harris, Mt. Vernon
Marjorie Graham Easton Kistemaker, Columbus
Alan Levey, Fairlawn, N. J.
Nedra Lynn Pyles, Ontario
Sharon Ruth Rosberg, Cincinnati
Kenneth Paul Ross, Columbus

Bachelor of Fine Arts

Twenty-seven candidates

Marcia Lynn Armstrong, Columbus
Debra Lynn Bernstein, Glencoe, Ill.
Brenda Ardel Brown, Columbus
Clayne McCully Chase, Columbus
Kathryn Alice Cleland, Columbus
Nancy Aikens Craun, Columbus
David James Dysart, Gahanna
Janice Anne Elbert, Cleveland
Michele Marie Elzay, Ada
Jeffrey Winn Farmer, Columbus
Laura Kimmins Florence, Marysville
Pamela Kay Fricke, Cincinnati

Barbara Ann Levy, Youngstown
Dennis Lee MacArthur, Defiance
Bruce Alan Neylon, Euclid
Ellen Perdicas, Buffalo, N. Y.
Vinceena Jean Pianalto, Akron
Mark Evans Purslow, Columbus
Carolyn Diane Reinbolt, Fremont
Renee Rodrigue Ryan, Columbus
Michael Gordon Secrest, Cambridge
Susan Elizabeth Sharkus, Solon
Franz Frederick Spohn, Columbus
Pamela Kandice Stephens, Columbus
Ann Margaret Walker, Columbus
Randolph Clark Warren, Briarcliff, N. Y.
Douglas Peter Weaver, Rossford

Bachelor of Music

Three candidates

Donald Graham Frank, Columbus
Richard Clarence Lopez, Columbus
James Alexander Paisley, Columbus

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education

Candidates are listed on page 26

College of Biological Sciences

Dean: Richard Bohning

Bachelor of Arts

Seven candidates

Matthew Jon Heller, Warrensville Heights
Thomas Robert Mercier, Chambersburg, Pa.
Gary Frederic Merrill, Valley Stream, N. Y.
Ronald Eugene Myers, Canton
John Robert Poling, Columbus
Robert Bruce Schwallie, Cincinnati
Charles Robert Verbanic, Newton Falls

Bachelor of Science

Forty-three candidates

Campbell Blackburn Amos, Euclid
Jean Ackes Amos, Euclid
Bruce Ronello Anderson, Columbus
James Craig Arn, Kenton
Regina Martin Carroll, Columbus
Yat Sun Chiu, New York, N. Y.
David Lee Clarkson, Gahanna
Michael Joseph Colvin, Cincinnati
Linda Susan Constantine, Parma
Michael John Delphia, Columbus
George Edward Fridrich, Bay Village
Raymond Martin Gill, Avon
Richard Allen Heiby, Celina
James Edmund Hodsden, Baltimore
Phillip Lawrence Hopper, Columbus
Alice Dee Kanonchoff, Allison Park, Pa.
Jo Ann Smith Kaufman, Johnstown
Angelo Nick Klousiadis, Mansfield
Joseph Stephen Koebel, Columbus
Laurel Ann Koppelman, Cleveland Heights
Glenn Arthur Koyl, Kaneohe, Hawaii
Francis Xavier Lam, Columbus
Gary Allen Luken, Columbus
Eric George Marcus, Columbus
Stephen Alan Meyer, Columbus
Thomas Paul Miller, Wellsville
Keith Gerald Morrow, Nassau, N. Y.
Arthur Menelaus Pappas, Columbus
Douglas E. Pollitt, Columbus
Mary Ann Radike, Cincinnati
Curtis Woodrow Ramey, Columbus
Terry Dean Ryan, Newark
Daniel Garvin Sayers, Columbus
Samuel Schwarm, Jr., Galloway
Jerry Dwight Sell, Columbus
John Melvin Suffron, Columbus
Thomas Joe Thompson, Columbus
Gregory Edward Tolla, West Farmington
Ervin Robert Tomas, Mayfield Village
Glenn John Trippe, Copley
Ronald Dean Winland, Pleasant City
Thomas Nicholas Zanetos, Delaware
Michael Melvin Zimmerer, Cincinnati

College of Humanities

Dean: Arthur E. Adams

Bachelor of Arts

Seventy-one candidates

Barbara Mae Albee, Columbus
Molly Beesley, Lancaster
Karen Marie Bell, Columbus
Douglas Richard Blackburn,
Wintersville
Larry Eugene Blankenship, Columbus
Charles Thomas Brewer, Columbus
James Joseph Brockmeyer, Columbus
Joel Christopher Broyles, Jr., Bedford
Timothy M. Cardina, Akron
Stephen Fraser Cherrington,
Vienna, Va.
Denise Krah Clady, Columbus
Rocky Alan Coss, Lockbourne
Rosemary Gayle Cox, Columbus
Hagar William Culverhouse,
San Juan, Puerto Rico
John Allen Curran, Columbus
Jeffery Wayne Dade, Columbus
Jean Marie Dalicandro, Skokie, Ill.
Janet Lynn Dight, Mansfield
Dennis Francis Dittiaeur, Columbus
Richard Holmes Donnell, Columbus
Rita Bash Elwood, Columbus
James Richard England, Columbus
Steven Jerome Federle, Cincinnati
George Allen Figula, Columbus
James Patrick Flood, Columbus
David Clarence Frederick, Kettering
James Richard Fries, Jr., Columbus
Martin Roy Goldsmith, Westerville
Eugene J. Graf, Mt. Vernon
John Richard Guroy, Willoughby
Susan Ruth Harris, Wellston
Patricia Eileen Healy, Cockeyville
Mary Jo Hlay, Columbus
Deborah Pinkstaff Hollenbaugh,
Columbus
German Gerry Ioannides, Columbus
Garfield Allan Jackson, Columbus
Linda Lee Jacobs, Columbus
William Albert James, Jr.,
Worthington
B.F.A. (Ohio Wesleyan University)
Jane Susan Kaplan, Cincinnati
Larry Allen Kertoy, Dillonvale
Michael William Kessler, Columbus
Joan Cheryl Kirschner, Youngstown
Peter Alan Linsey, Mayfield Heights
David Martin Lubin, Columbus
Daniel Glenn Luster, Columbus
Fritz Lynn McAllister, Columbus

Sharon Ruth McIntyre, Lyndhurst
Patricia Arlene Metzner, Columbus
James Allen Miley, Marion
Cindy Lookabaugh Mountcastle,
Columbus
Joseph Stephen Newell, Bryan
Donald Vincent Paglioni, Columbus
David Craig Rankey, Columbus
Lucinda Allison Reynolds, Columbus
Robert Michael Richman,
Queens Village, N. Y.
Rochelle Paula Savren, Cleveland
Thomas Clement Scherer, Columbus
Jack Lee Shortlidge, Westerville
James Paul Shumaker, Columbus
Elizabeth Parry Stearns,
West Orange, N. J.
Thomas Gordon Stuckman, Columbus
Nancy Louise Taylor,
Fredericksburg, Va.
Patricia Elizabeth Watson Turvey,
Columbus
Lynne Ellen Vermillion, Springfield
Margaret Ann Wagner, Marion
Gregory Glenn Ward, Columbus
Dwight Edward Weber, Cincinnati
Victoria Gay Webster, Springfield
Sally Beckett Williams, Columbus
David Ross Wilson, Kent
Cynthia Carr Zenisek, Columbus

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor Arts

Six candidates

Frank Joseph Chesnik,
Parma Heights
Timothy Norbert Davis, Lima
James Lee Morgan, Avon Lake
James Anthony Potts, Columbus
Eugene Lee Williams, Columbus
William Roger Wright, Lima

Bachelor Science

Twenty-three candidates

Gary Daniel Ball, Columbus
Carol McKirgan Birs, Columbus
Katherine Hoessly Cullinan,
Worthington

Ellen Gibbs Fox, Columbus
Carol Ann Goldsmith, Newark
William George Hersman, Lexington
Theodore Jay Kitsos, Euclid
Linda Sue Lamb, Canal Winchester
Daniel Paul Lammertse, Akron
Gary Andrew Luzio, Newark
Michael John McCracken, Ottawa
Michael Richard Mennett, Dayton
David Vernon Miller, Lisbon
Patricia Lou Miller, Avon Park
Lee H. Newberg, University Heights
David Richard Oxley, Jr., Newark
Ivan Lee Reed, Mt. Sterling
Jeffrey Allen Schiffel, Columbus
Philip Howard Steiger, Spencerville
Dale Randolph Talcott, Xenia
Angela C. Tsai, New Philadelphia
Larry Alan Valentine, Ashville
John Zilka, Columbus

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bachelor of Arts

Two hundred and ten candidates

Christelle Claire Adams, Columbus
Douglas Burdett Adams, Columbus
Dennis Joseph Ahern, North Olmsted
Diana Lynn Allen, Mt. Vernon
Theresa Elizabeth Applegate,
Columbus
Suzanne Rose Armitage, Worthington
Barry Howard Arons,
Livingston, N. J.
David James Aude, Lakewood
Kurt James Ayers, Akron
William Edward Bailosky, Elyria
William Douglas Bangham, Columbus
David Dwight Barnes, Columbus
Donald Edward Bartholomew, Newark
Braden Lee Basnett, Columbus
John Paul Baughman, Columbus
Greg Alan Bergman, Lorain
Erick Noble Berquist, Columbus
Carol Sue Bessey, Cincinnati
Michael Douglas Betzler, Columbus
Becky Sue Bishop, Zanesville
Bonne Brynn Bishop, Columbus
Patrick Joseph Bond, Columbus
Robert Lee Bourne, Cincinnati
Eric Dale Bowman, Columbus
Helen Maria Buch, Lima
John William Burlile, Gallipolis

Richard Craig Buurma, Willard
 Yvonne Robin Byrd, Bedford
 Erskine Monroe Caldwell, Troy
 Douglas William Campbell, Columbus
 James Ray Carroll, Columbus
 William Douglas Casey, Columbus
 Ilene Jane Center, Long Beach, N. Y.
 Bradford Emanuel Charnas, Columbus
 Brian Keng Chih Chau, Chicago Heights, Ill.
 Christine Lee Cole, Maumee
 Sheryl Leigh Cole, Oak Ridge, N. J.
 Carol Smith Colvin, Ulster Park, N. Y.
 Paul Whitely Conaway, Columbus
 James Robert Cook, Northville
 James Barton Couch, Archbold
 Samuel Richard Coulter, Worthington
 Martha Ann Crosby, Dayton
 Therese Elizabeth Cziraki, Akron
 Leslie Middleton Davis, New Carlisle
 Christine Louise DeGeorge, Ashtabula
 Donald Ian Delver, Cincinnati
 Dennis Joseph DeTillio, Columbus
 Siegfried Diener, Columbus
 Arthur John Doddato, Jr., Columbus
 W. Melville Dole, Columbus
 Joseph Edward Doodan, Columbus
 Diana Lee Douds, Columbus
 Philip Corwin Douglass, Worthington
 Thomas Frederick Ebbert, Columbus
 Jeffrey Neil Edwards, Bay Village
 Kerry Denise Eichler, Wadsworth
 *Douglas Alan Ferguson, Lima
 Fredrick Lee Fisher, Columbus
 Robert Eugene Fitzgerald, Sylvania
 Emily Susan Fling, Hillsboro
 Dennis Lee Forman, Toledo
 Roy Elmer Fouch, Columbus
 Jeannette Lynn Fraser, Huntsville
 Sydney Leigh Friel, Zanesville
 David Ross Fuerman, Dover
 Bruce William Furnian, Cleveland
 Janet Suzanne Gable, Newton Center, Mass.
 Charlene Marie Gallucci, Parma Heights
 Granville Allen Gano, Wilmington
 Stephen Philip Gehres, Columbus
 Poppy Laurie Girtton, Washington C. H.
 Bernard Norbert Gosche, Columbus
 Harry Burton Graul, Heath
 Patricia Ann Greene, Columbus
 Larry Herman Gregory, Columbus
 Ivan Harold Groom, Columbus
 Nadine Taradash Groom, Columbus

Leonard Michael Guckenheimer, Columbus
 Gretchen Elaine Gudenkauf, Columbus
 John William Guendelsberger, Sandusky
 Diana Lynn Guion, Bowling Green
 Janet Lee Gussett, Canton
 Catherine Ann Hammond, Elyria
 Robert Alan Harf, New York, N. Y.
 Jeffery Brent Hayes, Caldwell
 Patricia Ann Hayes, Columbus
 Margery Jill Hecht, Englewood, N. J.
 Elizabeth Wantuch Heeter, Sawyer AFB, Mich.
 Lindley Rose Heher, Bellbrook
 David Cyril Hemmelgarn, Worthington
 Steven Gary Herenlip, Merrick, N. Y.
 George Henry Herzog, Jr., Columbus
 David Joseph Hixon, Cridersville
 Dennis Charles Hooker, Columbus
 Janis Jo Hoover, Columbus
 Juliet Sarnoff Hyatt, Basking Ridge, N. J.
 Nancy Elizabeth Ihnacik, Cherry Hill, N. J.
 Richard Clarence Jarry, Nashua, N. H.
 Ronald Louis Jedlicka, Columbus
 James L. Johnson, Wheelersburg
 Jon Alan Jordan, Columbus
 Ako Kambon, Columbus
 John Arn Kelley, Columbus
 Linda Lou Kelley, Hillsboro
 William Joseph Kelly, Jr., Columbus
 Bruce Glenn King, Columbus
 Mark Burton King, Columbus
 Irene Joan Kiraly, Parma
 Frank Alexander Kovacs, Willowick
 Roger Stephen Kramer, Beachwood
 David Alan Kriegel, Lima
 Scott Elliott Lange, Columbus
 Elaine Marie Larotonda, Lima
 Robert Allan Lau, Amherst
 Mary Ann Lavery, Akron
 Clark Baker Lawrence, Columbus
 Dennis Herman Leebow, West Orange, N. J.
 Gary Joseph Levine, Columbus
 David Eugene Lewandowski, Toledo
 Mark Alan Lieberman, Canton
 James Michael List, Columbus
 Barbara Ellen Lockshin, Canton
 William Andrew Long, Columbus
 Gary Lynn Lowe, Coshocton
 Linette Fern Lowe, Ashtabula
 James Daniel MacQueen, Coshocton
 John Steven Majoras, Columbus
 Carolyn Elizabeth Maki, Worthington

Paul Allen Maron, Euclid
 David Bates Marshall, Dayton
 Larry Dale Marshall, Columbus
 Richard James Mastriana, Youngstown
 Donald James McCarthy, Gahanna
 Laurie Chun McEnery, Bedford
 Gary William Miller, Columbus
 Michael James Miller, Akron
 John Edward Monsour, Columbus
 Karen Beth Moser, Columbus
 Ronald David Neuman, Cincinnati
 Laura Ann Nicholl, Columbus
 Shelley Pat Nierenberg, Dayton
 Patricia Ann O'Connell, Westerville
 Charles Edwin Orcena, Marion
 Russell Lee Parker, Lima
 George Anthony Pellerite, Columbus
 Darko John Perovsek, Columbus
 Paul Elmer Perry, Somerset
 Donald Richard Plummer, Columbus
 Joan Ellen Politzer, Shaker Heights
 David Endsley Postle, Columbus
 Daniel James Poticny, Parma
 Norman Henry Prince, Columbus
 Peggy Dietz Probst, Mobile, Ala.
 Paul Karl Rainsberger, Mt. Sterling
 David Whitney Reeder, Newark
 William Arthur Riesenberger, Columbus
 Joel David Robertson, Granville
 Helen Anne Rodin, Fairborn
 Thomas Henry Rogowski, Portsmouth
 Holly Beth Roslow, Franklin Square, N. Y.
 Glenn Stephen Roush, Hillsboro
 Joseph Paul Rugola, Mt. Vernon
 Sally Ann Ryan, Columbus
 Valdemar George Sawczyk, Middleburg Heights
 John Edwin Scaggs, Columbus
 James Thomas Schlieper, Dayton
 Gwynn Nelson Schultz, Hilliard
 Steven Holmes Scott, Columbus
 David Edward See, Columbus
 Susan Kay Seibel, Mt. Sterling
 Sharon Ann Semko, Piscataway, N. J.
 Brian Lee Shack, University Heights
 Richard Keith Sheir, University Heights
 Betty Loveen Sherwood, Columbus
 Peter Daniel Skirbunt, Cleveland B.S.Ed.
 David Gary Sloop, Oceanside, N. Y.
 Laurie Gail Smeerin, Omaha, Neb.
 Kathleen Susan Smigel, New Philadelphia

* Also Master of Arts, Graduate School
 † Also Bachelor of Science in Education, College of Education

David Brian Smith, Franklin
 Richard Charles Snodgrass, Columbus
 Thomas George Stamos, Columbus
 Jeffrey Alan Stana, Avon Lake
 Frank Leonard Staniszewski,
 Independence
 Rachel Grischkan Stark, Columbus
 Neysa Yvonne Stephens, Springfield
 Jo Ann Stokes, Columbus
 Steven Howard Stout, Columbus
 Lois Ellen Strickling, Frankfort
 Ralph Joachime Taylor, Columbus
 Dennis Robert Temple, Columbus
 Ellen Claire Tewes, Oak Ridge, Tenn.
 Roger Martin Thomas, Columbus
 Ronald Stewart Timen, Columbus
 Karen Lee Tinkler, Columbus
 Sharon Marie Toth, Columbus
 James Dudley Van Hala,
 Rocky River
 Jane Louise Vovk, Columbus
 Valerie Ann Diamond Wales,
 Mt. Gilead
 Stephen Charles Warren, Columbus
 John William Watson, Hudson
 Michael Dean Whetstone, Westerville
 Philip Wilber, Toledo
 Karen Lowell Williams, Columbus
 Delores Wilson, Cincinnati
 Colleen Woods, Maumee
 William James Woolf, Jr., Columbus
 Russell Allan Yantz, Deshler
 Leslie Carl Zartman, Columbus
 Kyle Wynn Zimmer, Columbus

Bachelor of Science

Twenty-three candidates

Brice Edward Abbott, Grove City
 John Sanger Beedy, Jr., Cincinnati
 James Charles Brown, Columbus
 David Bruce Clouston, Homer
 Kenneth Glenn Cook, Columbus
 Maureen Annette Delphia, Columbus
 Michael William Freeman, Columbus
 Anthony Nicholas Gemma,
 Youngstown
 Katherine Reed Hartson,
 Rocky River
 William Charles Ihde, Strongsville
 Stephen Allen Johnson, Columbus
 Linda Sue Johnston, Columbus
 David Jonathan Kuhn, Columbus
 David Joseph Masek, Columbus
 Jeanne Beth Philby, Columbus
 Richard James Riester, Grove City
 Calvin Jay Smith, Westerville
 Donald Erwin Solt, Akron
 Michael Carl Sturges, New London
 Mary Ellen Taylor, Dayton
 Leland Kenneth Wells, Columbus
 David Gregory Williams,
 Fort Lauderdale, Fla.
 Jeffrey Scott Yankow,
 Hollywood, Fla.

Denise Thea Kontras, Columbus
 John Patrick Kramer, Columbus
 Barbara Ruth Levin, Toledo
 Mary Louise Mariani,
 Cuyahoga Falls
 Linda Elaine Moore, Columbus
 James Andrew Moskus, Columbus
 Vicki Jean Krugh Nartker, Columbus
 Michael James Needs, Euclid
 Jon Donald Parsons, Columbus
 Michael H. Pearson, Columbus
 Frank Dyckman Scudder, III,
 Columbus
 James Christopher Shealy, Columbus
 Edward George Watzel, Sandusky
 Wayne Ernest Wolff, Valley City
 Kathleen Ann Zinser, Columbus

School of Journalism

Bachelor of Arts in Journalism

Thirty-two candidates

Fusun Aklar, Columbus
 Brian Emerson Albrecht, Cleveland
 Barbara Glenn Allen, Bryan
 Michael Anthony Baker, Miamisburg
 Michael David Balduf, Columbus
 Eric Phillip Bruce, Canton
 Arthur Ray Dalglish, Columbus
 Thomas Lynn Dusenbery, Columbus
 George Martin Eberhart, Columbus
 Rebecca Anne Ford, Columbus
 Mark Houston Forman, Ashland
 Steven Michael Frank, Columbus
 Vivian Lois Freezman,
 University Heights
 Michael William Harden, Columbus
 Patricia Lynn Howe, Worthington
 Edward Sawyer Jimison, Granville
 James Andrew Konkoly,
 Maple Heights

College of Administrative Science

Dean: James R. McCoy

Bachelor of Science in Business Administration

One hundred and twenty-two candidates

William Dean Allman, Marion
Richard Allen Ansinelli,
Cape Coral, Fla.
Roger Jack Bahr, Jr., Youngstown
James Lee Baker, Bucyrus
B.S. (Franklin University)
Richard Anthony Baumer, Jr., Huron
Clark Robert Bergrun,
Los Altos Hills, Calif.
Carol Deen Berman, South Euclid
Erich Joseph Bernkopf,
Bedford Heights
John Francis Blank, Mt. Vernon
B.A. (University of Dayton)
Gary Lewis Bolus, Columbus
Gerald Lee Bosh, Columbus
Miguel Mauricio Bowen, Columbus
Timothy Lee Brown, Wapakoneta
Martin Alan Buchart, Columbus
Carl Edward Buckmaster, Mansfield
Michael Joseph Camporeale,
Highland Park, Ill.
Donald Francis Carmell, Jr.,
Columbus
Leroy Neal Carpenter, Columbus
Greg Richard Carroll, Columbus
James Francis Cerven,
Franklin Square, N. Y.
Terry Lee Cooper, Defiance
William George Cornely, Marion
Gary Jack Cross, Portsmouth
Lenard Charles DeFilippo,
Sheffield Lake
Robert Paul Dlouhy, Brecksville
Daniel Scott Dodson, Bellefontaine
Peter Dudchenko, Lakewood
Michael Dwight Dupler, Galion
Ronald Emmett Dury, Columbus
Wayne Charles Eddleblute,
Frazeyburg
Ronald Browne Ellis, Youngstown
Robert Allen Eschenauer,
Broadview Heights
James Butler Evans, Columbus
Kathleen Lynne Evans, Mentor
David Goodwin Fish, Mt. Pleasant
Denis Carmen Fox, Shelby
John Maurice Frederick, Cincinnati
Donald Joseph Gallam, Sandusky
Michael Beeghley Garber, Elyria
B.A. (Adrian College)
Jeff Robert Glassman, Columbus
Charles Allan Gossett, Xenia
Samuel John Graham, III, Columbus

Lance Blake Grether, Seven Hills
James W. Grotewold, Wichita, Kan.
Scott Elliott Holden, Cleveland
Steven Harold Howard,
Great Neck, N. Y.
Paul Roger Howell, Columbus
Randall Eugene Huffman, Bluffton
Larry Marten Ike, Zanesfield
B.S.Ed.
Daniel Clifford Inskeep, II, Marion
Robert James Irvine, Jr.,
West Carrollton
Leon George Johnson,
Columbia Station
Jonathan Michael Joublanc, Zanesville
Jeffrey Norman Kahl, Toledo
William John Kemerer, Columbus
Douglas Allan Keough, Swanton
Gregor Klipan, Jr., Cleveland
Edmund Martin Konopka, Westlake
Dale Clyde Landon, Columbus
Jeffrey David Levy, Cincinnati
Terence Logan, Cleveland
Eric Dane Long, Latham
James Herbert Long, Lowell
Thomas Charles Main, Columbus
Mark James Malatesta, Wapakoneta
Richard Michael McNeil, Cincinnati
Matthew Joseph Meier, Mt. Vernon
Donald Graham Melrose, Grove City
Terry Lee Mercier, Loudonville
Nancy Ann Merritt, Columbus
Jerry Lee Miller, Newark
Norman Gene Miller, Cincinnati
Jerry Paul Miner, Lima
Roger Kent Morrison, Millersburg
Joseph William Mundy, Grove City
Phillip Eugene Myers, Harrod
David Fritz Nelson, North Royalton
Brad Alan Obenauf, Berlin Center
Kennon Lynn Osburn, Mansfield
James Lloyd Otis, Celina
Donald Owen Palmer, Columbus
David Milton Parke, Sidney
Vivian Diane Patterson, Cleveland
James William Payne, Columbus
Leslie Howard Peterson, Wellington
William Edward Peterson, Columbus
Allen Wayne Porter, Burton
Gary Charles Price, Avon Lake
B.S.Agr.
Raymond John Ramsey, Columbus
Lawrence Paul Randles, Akron
David Ellery Rapkin,
Cleveland Heights
Gary Reckson, Bayside, N. Y.
Robert Bernard Riethman, Anna
Leslie Alan Rinehart, Newark
Robin Andrew Robine, Columbus

Jerald Lynn Robison, Columbus
Franklin Theodore Roll,
Reynoldsburg
Gene Alan Rose, Reynoldsburg
Carl Frederick Rowoldt, Canton
James Sabat, Garfield Heights
Donald Warren Schmidt, Worthington
Dale Linn Scholl, Mansfield
Joseph Michael Schurtz, Columbus
John Stephen Simmers, Cleveland
Charles Robert Snyder, Jr., Columbus
Stephen Carl Southworth, Newark
Burl Junior Stafford, Columbus
Thomas Louis Theibert, Columbus
Max Adolph Urfer, Weehawken, N. J.
Michael Duane Van Sky, Kenton
John Aloysius Walsh, Chardon
Dale James Walters, Cleveland
Roger Wallace Webb, Portsmouth
William Wesley Weber, Columbus
John August Weis, Leipsie
Stephen Christopher Weitzel,
Springfield
Stanley Ray White, Kent
Marilyn Kathleen Wiggenhorn,
Dayton
Robert Patrick Williamson, Toledo
Trent Dee Wright, West Milton
Robert Stephen Zangri, Chillicothe
Joseph Theodore Zwayer, Columbus

School of Social Work

Bachelor of Science in Social Welfare

Forty-three candidates

William David Bannerman,
Avon Lake
Marcene Root Bergeman, Fremont
Barry Ivan Braverman, Columbus
Judith Evelyn Burkhardt,
Fairview Park
Karen Sue Coder, Willard
Kenneth Cohen, Des Plaines, Ill.
Susan Beth Colangelo, Mansfield
Sally Ann Conner, Youngstown
Linda Evelyn Cooper,
Cleveland Heights
Michelle Kay Feess, Alliance
Audrey May Ferrell, Columbus
Elizabeth Jane Finan, Danville
Janice Darlene George, Huron
Ellyn Laura Goldstein, Atlanta, Ga.
Cathy Dee Goodman, Evanston, Ill.
Janet Louise Grieshop, Sidney
Mark Stephen Hajjar, Huntsburg
Mable Lee Holt, Columbus

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Carol Alicia Hook, Geneva
Rosemary Curran Huffman, Columbus
Marian Therese Jacques, Cincinnati
Marilyn Pohlman Jewell, Columbus
Marlene Ruth Kornreich, Beachwood
Cheryl Barbara Kratky,
Plainview, N. Y.
Daniel Michael LaVille, Columbus
Karen Snyder Long, Akron
Sharon Elizabeth McConnell,
New London
Charles Walter McCoy, Columbus
Debra Jane Mynhier, Shelby
Colleen Elizabeth Patrick, Cincinnati
Colleen Keane Readence, Toledo
Andrea Marie Ridenour, Columbus
Michele Renee Rogovin, Cambridge
Sharon Barbara Sherman,
Youngstown
Christine Deichert Spriggs, Fremont
Larry Clyde Straughter, Columbus
Beth Steiner Ullery, Worthington
Deanna Scholl Ward, Columbus
Stephen Douglas Warren, Columbus
Barbara Frances Warshaw,
Atlanta, Ga.
Donald Richard Wilka, Williston
Mary Alice Banks Williams,
Columbus
Janet Lynn Zientek, Cincinnati

Bachelor of Science in Agriculture

One hundred and two candidates

Terry Lee Baldwin, Defiance
James Milton Bourne, Jr., Waynesville
Lee Robert Braun, Botkins
Paul Walter Breuer, Miamisburg
Gerald Joseph Bumb, Alvada
Angelo Rosario Cammarata,
Willoughby
Joseph William Carmen, Dayton
Ralph DeWitt Coffman, Jr., Marietta
William Allen Conklin, Ostrander
Leonard Harry Conley, Cleveland
Kevin Donald Corcoran, Chillicothe
Leslie James Cotsamire, Bucyrus
Joseph Ralph Crites, Wilmington
Patrick James Cryan, Westerville
Jerry L. Darbyshire, Lima
Steven Curtis Davis, Xenia
Lawrence Edward Deetz, III, Elyria
Ronald Dean De Long, Van Wert
David Vernon Dickman, New Bremen
Michael Joseph DuBrul, Cincinnati
Bruce Gale Dunn, Marietta
Steven Martin Early, Alliance
John David Ertl, Grafton
Linford Nevin Falb, Dalton
Sherry Dawn Felkner, Ostrander
Bruce Richard Fillinger, Lockbourne
James Robert Fletcher, Columbus,
B.A.
Daniel Lee Foos, Richwood
Alan Thomas Franklin, Wakeman
Thomas David Frew, Cadiz
David Edward Geiger, Cincinnati
Vincent Henry Geiger, Jr., Cincinnati
Darrell Franklin Gerfen, Prospect
Gary Donald Geroy, Columbus
Frank Dennis Goodwill, Doylestown
Daryl Dean Goodwin, Blanchester
Gary Dean Graham, Ashley
Stuart Lee Greenberger,
Plainview, N. Y.
Claudia Ellen Groth,
Philadelphia, Pa.
Gary Wayne Hannahs, Columbus
Ernest Brooks Hatfield, Bethel
Rex Edward Heath, West Liberty
Daniel David Hoar, Lexington
Brent Douglas Hunt, Barnesville
Everett Lee Johnson, Crown City
Richard Lee Johnson, Delaware
Dennis Lynn Jordan, Tiffin
Paul Reuben Kalb, Bucyrus
Gerald Alan Kilbane, Parma
Krista Louise Kinnamon, Crestline
Scott Burton Kollman, Northfield
Richard Patrick Latham, Plainfield

Michael Thomas Lee, Solon
James Allen Leedy, Eaton
Gregory Louis Leksan, Norton
Paul Henry Libben, Port Clinton
David Wayne Long, Delphos
Larry David Lunceford, Vermilion
Thomas Paul Mangeot, Dayton
Ronald Eugene Martin, Marysville
Monte Alan Mathews, Heath
Myron E. Miller, Apple Creek
William Charles Moore, Columbus
Robert Leo Nypaver, Warren
Wendy Julian Ostgaard,
Milford Center
Dean Arnold Parker,
North Bloomfield
Ronald Jay Reese, Rawson
Ted Scott Renner, Dalton
James Stephen Riel, Kettering
Patrick Joseph Riley, Bedford
Edwin Carl Rine, Walhonding
James Allen Rowe, Strasburg
David Howard Samples, Gallipolis
*John Allen Sarkett, Cleveland
Katherine Stein Sather,
Meadville, Pa.
Robert Louis Schlub, Springfield
John Raymond Schnipke, Cloverdale
Richard George Schweinfurth,
Prospect
Gene Henry Sefton, Cincinnati
Lawrence Stephen Shaltry,
Washington C. H.
William Marshall Sharpe, Waterville
Gerald Lee Shaw, Springfield
John Franklin Shontz, Strasburg
Gary Max Short, Archbold
Michael William Siegrist, Dresden
John Andrew Simons, Sidney
Roger Wayne Smith,
Canal Winchester
Mark Richard Steiner, Rittman
Kim Stevelt, Marysville
Dennis Ellsworth Stryker, Bradford
Douglas Irvin Swartz, Union
Edwin Alan Throckmorton, Marengo
Larry Martin Tietje, Deshler
John Alexander Tkatschenko,
Columbus, B.A.
Pamela Ann Truscott, Birmingham
Richard Lowell Van Tilburg, Celina
Theodore R. Vartorella,
Berlin Heights
William Charles Wade, Farmdale
Karen Ruth Wieder, Clifton, N. J.
Eldon Dean Wigton, Sunbury
Ernest Franklin Wise, Jr., Tiffin
Robert Fisher Woodruff, Oxford

* Also Master of Science, Graduate School

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Food Technology

Three candidates

Kenneth Leland Beck, Findlay
Martha Wehr Eshler, North Lima
Richard Lynn Houtzer, Lima

Bachelor of Science in Natural Resources

Four candidates

Lawrence Marsh Davis, Columbus
Mark David Johnson, Mt. Victory
Donald Anthony Kronstein,
Garfield Heights
Michael Alan Loveman, Medina

Gloria Jean Pittenger, Reynoldsburg
Karen Sue Powelson, Nashport
Deborah Jean Ransdell, Cincinnati
Martha Michelle Reed, Zanesville
Nanette Ricer, Columbus
Barbara Jane Semon, Parma Heights
Bonnie Sue Singer, Columbus
Lynn Kauth Stockert, Canton
Carla Ann Strough, Columbus
Karen Durigg Sturtz, Marion
Linda Kay Tatka, Canton
Marilyn Sloan Thompson, Dayton
Marcia Rose Werley, Westerville
Lois Ann Woltz, Waverly
Linda Kay Wood, Kenton
Brenda Lynn Yost,
Berkeley Springs, W. Va.
Carol Cheskewicz Yurek, Columbus

Bachelor of Science in Restaurant Management

One candidate

G. David Brundage, Wantagh, N. Y.

Bachelor of Science Education

Three hundred and twenty-six candidates

Linda Beth Alberty, Cleveland
Otto Thomas Albrecht, Jr., Columbus
Carolyn Sue Allen, Worthington
George Archie Allen, Jr., Columbus
James William Allen, Sr., Columbus
Linda Marie Amann, Dayton
Ruth Immelt Anderson, Columbus
B.S.Soc.Wel.

Frank Martin Andrulis, Columbus
Jerry Howard Arnholt, Jeromesville
Cathy Sue Arnold, Columbus
Rita Joan Arthur, Leesburg
Richard Reginald Ashburn, Sandusky
Karen Sue Atkinson, Cincinnati
Norma Anne Babbist, North Canton
Paul David Bahner, Harrison
Miriam Bain, Columbus
Joyce Boroski Baker, Columbus
Marie Kristine Ballinger, Columbus
Mary Kathleen Ballinger, Columbus
Constance Elaine Ballmer, Columbus
Sondra Elaine Baron, Shaker Heights
William Andrus Barr, Westerville
James Edward Bauder, Columbus
Cynthia Ann Bellak,
Honey Brook, Pa.

Mary Jo Bender, Columbus
Pamela Benke Bendig, Durham, N. C.
Don Christopher Bianco, Columbus
Marsha Sulayne Bitler, Lima
Susan Smith Blackburn, Columbus
Stephen Nolan Blake, Columbus
Margaret Livingston Bland, Columbus
Ted Joseph Borchers, Fort Loramie
Anita Jean Bowman, New Carlisle
Mary Clarke Boyle, Columbus
Christopher James Brady,
Laguna Hills, Calif.
Susan Koelliker Brandstetter,
Columbus
Charlene Annette Brooks, Marion
Carol Stidam Brown, Shelby
Eileen Marcia Brown, Beachwood
Jeri Lee Buckingham, Dublin
Lanette Katherine Budz, Seven Hills
Shirley Ackerman Burgett,
Fredericktown
Michael Howard Burroughs, Wyoming
Mary Ellen Byrnes, Upper Sandusky
Francisca Ann Cabrera, Columbus
Scherrie Tope Capehart, Columbus
Theodore Albert Capretta, Jr.,
Columbus
Michael Lee Casey, Gallipolis
Lynn Elizabeth Cassell, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Forty-four candidates

Susan Kathleen Abbott, Columbus
Donna Beatrice Amditis,
Boca Raton, Fla.
Carol Louise Bender, Prospect
Elaine Ann Brautigam, Sidney
Linda Grace Brown, Nelsonville
Judy Edna Carman, Columbus
Pamela Fellows Chamanick, Columbus
Sandra Shonkwiler Cindric, Columbus
Patricia Scott Elam, Columbus
Sandra Marie Eyring, Westlake
Carol Ann Fisher,
Canal Winchester
Joanne Edmonds Fisher,
Bernardsville, N. J.
Nancy Marilyn Fisher, Worthington
Barbara Kay Hendricks, Spencer
Loyce Powell Hopkins, Columbus
Sharon Stuckey Huber, Columbus
Susan Owen Hupp, Chevy Chase, Md.
Gail Bell Karam, Massillon
Catherine Hackett Kirwin, McDermott
Linda Smith Knight, Columbus
Pamela Jay Lese, Hilliard
Anita Marie Martina, Columbus
Jackie Lee McIntyre, Worthington
Laverne Blankenship Michel,
Salem, Mo.
Joan Abbott Motil, Worthington
Gary Lee Ogg, Kettering
Sandra Adams Ostgaard,
Milford Center

Mary Fisher Catanzaro, Columbus
 Kim Diane Chlebisch, Independence
 Mark Tanner Clark, Hudson
 Daniel Schaffner Cody, Columbus
 B.A.
 Gary Stephen Cook, Wapakoneta
 Susan Bruhn Cook, Columbus
 Terrie Ferrell Cozart, Columbus
 Cheryl Craven Craig, Bluffton
 Karen Sue Crawford, Jackson
 Charles Daniel Cunningham,
 Columbus
 Rebecca Sue Custis, Sabina
 George Thomas Dalton, Columbus
 Susan Elizabeth Daum, Hudson
 Belinda Sue Davis, Plain City
 Linda Kuhlwein Davis, Columbus
 John Allard Dearing, Jr., Newark
 Judith Cotterman Dearing, Newark
 Mark Steven Denbow, Worthington
 Barbara Joyce Deutch,
 Floral Park, N. Y.
 Debra Lee DiDomenico,
 Washington C. H.
 Barbara Jo Dillman, Bryan
 Marsha Lamke Downey, Lima
 John Daniel Drummond, Maumee
 Paul Thomas Dunphy, Cincinnati
 Sharon Marilyn Durchslag,
 Buffalo, N. Y.
 Phyllis Jean Durigg, Bucyrus
 Michael John Dusenberry, Columbus
 Jenny Jansen Ellis, Columbus
 Gail Susan Emerman,
 Cleveland Heights
 Caris Woodward Eschenauer,
 Columbus
 Sharon Leta Esworthy, Newark
 Darlene Marie Euretig, Euclid
 Martha Cooperider Evans, Utica
 Philinda Kay Ewing, Cambridge
 Tina Marie Jaconette Fann, Columbus
 James Fedorka, Columbus
 Marvin Earl Feldner, Belle Valley
 Bryn Colette Ferris, Loudonville
 Laura Christine Fischer, Toledo
 Constance Lee Fisher, Columbus
 Cert.Grad.Dent.Hyg.
 James Edmond Flinn, St. Marys
 Carolyn Foster, Columbus
 Frances Susan Franke, Bloomingdale
 Ilene Robin Friedman,
 Old Bethpage, N. Y.
 Warren David Frindt, Cleveland
 Judith Leblanc Frischen, Heath
 Andrew Bryan Frowine, Portsmouth
 Suzan Lesley Frumm, Skokie, Ill.
 Vicky Louise Fullen, Xenia
 Linda Burns Fulton, Columbus

Lawrence Albert Fuqua, Sandusky
 Lana Ault Gandert, Edison
 Peggy Ann Garison, Dayton
 Dewey Arthur Garner, Columbus
 B.S.Bus.Adm.
 Jack W. Geckeler, Columbus
 B.Sc. in Bus.Adm. (Franklin
 University)
 Mary Tullis Gibson, Shiloh
 Enid Laurie Gilbert, New York, N. Y.
 Karen Lee Glick, Mansfield
 Amy Kronheim Goldman,
 Shaker Heights
 Gloria Ann Gongwer, Danville
 Connie Marie Gossard, Harrod
 Linda Marie Goubeaux, Versailles
 Maureen Anne Grady, Wakeman
 Ann Louise Gray, Bay Village
 Ellen Jeanne Greene, Zanesville
 Nena Ann Grimes, Troy
 Julia Hiatt Guerra, Columbus
 Gerald Sherman Gurney,
 Cleveland Heights
 Barbara Jean Gustaferrero,
 Fairfax, Va., B.A.
 Amy Fishbein Hagemann, Elgin, Ill.
 John Ray Haley, Jackson
 Shirley Jean Hammons, Mansfield
 Wanda Incho Hancock, Bucyrus
 Heidi Hildegard Hansen,
 Cleveland Heights
 Julia Ann Hansen, Medway
 Jacqueline Ruth Harper, Wilmington
 Mary Lucille Hatten, Westerville
 Nancy Lou Haury, Akron
 Cynthia Alice Hayslett, Brookville
 Elizabeth Wermer Heiby, Columbus
 Bonnie Kay Heineman, Columbus
 Marvin Walter Heitmeyer, Ottawa
 Melvin Albert Heitmeyer, Ottawa
 Linda Foust Heminger, Columbus
 *David Cyril Hemmelgarn,
 Worthington
 Patsy Stebelton Hendrix, Columbus
 Peggy Marie Henson, Mansfield
 Janet Tommie Hicks, Columbus
 Bobbie Lou High, Mansfield
 Althea Beatrice Hill,
 Washington, D. C.
 Terry Wayne Hindenlang, Columbus
 Terry Jo Hinton, Columbus
 Donna Lochner Hixson, Columbus
 Gail Ruth Hoffman, Akron
 Randa Gail Holbrook, Chesapeake
 Susan Fern Hurwitz,
 University Heights
 Patricia Adele James, Columbus
 Jean Ann Johnson, Chagrin Falls

Michael Anthony Jolley, Columbus
 Harry Eugene Jones, Cincinnati
 Michael Evan Joseph, Beachwood
 Mark Edward Kapel, Boston, Mass.
 Lucille Frances Kasovic, Parma
 Edward Francis Keating, Lima
 Barbara Louise Keller, Bellaire
 Jeanne Schelb Keller, Marion
 Sharon Simon Kelm, Cincinnati
 Eunice Shank Kenton, Shelby
 James Allen Kerns, Jr., Brunswick
 Patrick Grant Keys, Elyria
 Karen Sue Kiene, Valley City
 Nancy Elizabeth Kingsbury, Akron
 Marjorie Kent Kinkad, Columbus
 Nancy Kay Knight, Manhattan, Kan.
 Mark Steven Komessar, Youngstown
 Daniel Mark Kover, Columbus
 Lynda De La France Kozar, Lorain
 James Edward Kozman, Columbus
 Virginia Augenstein Krider, Marion
 George Kun, Columbus
 John Robert Kuntz, Columbus
 Barbara Lynn Lally, Columbus
 Claudia Ruth Landon, St. Louis, Mo.
 Gwen Humphries Landon, Columbus
 Suella Thomas Landrigan, Columbus
 Nancy Eileen Lange, Barberton
 Janette Nancy Lask, Bay Village
 Albert Laux, Plymouth
 Brenda Dianne Lee, Galion
 Thia Sanders Leo, Marengo
 Sheryl Ann Rothkin Levin, Columbus
 Linda Robin Levine, Scarsdale, N. Y.
 Samuel H. Liebfreund, Groveport
 Bonnie Esther Lifland, Norfolk, Va.
 Deborah Mala Lindner, Cincinnati
 Loren Hoagland Loving, Columbus
 Diana Elizabeth Lownie, Columbus
 Gregory Glenn Lucas, Columbus
 Beverly Erwin Lynch, Columbus
 Mary Jane Marley, Ashland
 Mary Michele Matchette, Rocky River
 Patricia Ann McCloy, Cincinnati
 Cert.Grad.Dent.Hyg.
 Loretta Seither McCollum, Columbus
 Philip Rae McCrery, Columbus
 Marsha Ann McKeag, Gahanna
 Catherine Elliott McMillan,
 Glenshaw, Pa.
 Thomas Joseph Medaglia, Columbus
 John Charles Medley, Shelby
 Susan Fash Meier, Corvallis, Ore.
 Susan Jane Menear, Columbus
 Cheryl Parzinger Miller, Columbus
 Kristina Baker Moder, Mansfield
 Anna May Moeller, Fairview Park

* Also Bachelor of Arts, Colleges of the
 Arts and Sciences

Daniel Otis Moorhead, Findlay
 Charles Dennis Morris, Newark
 Elden Leroy Mullet, Columbus
 B.S.
 Donna Gail Mullins, Marion
 Jane Frances Murphy, Lima
 Fred Henry Naeve, Jr., Cincinnati
 Debra Lane Nelson, Massillon
 Gary Lee Nelson, Columbus
 Randall Graham Nichols, Columbus
 Timothy Eugene Norman, Columbus
 Catherine Coulter Obermeyer,
 Columbus
 Penny Lou Ohms, Fremont
 Philip Roe Osborn, Columbus
 Cheryl Ann Pakish, Cleveland
 Joan Reely Patterson, Marion
 Michael Robbins Patterson, Columbus
 Richard Lynn Patterson, North Lima
 Sandra Buckey Paxton, Columbus
 Lee Anthony Pealer, Columbus
 Jeanne Eileen Peters, West Liberty
 Kristine Kay Peters, Columbus
 Rita Jean Phillips, Newcomerstown
 Catherine Caruso Pinter, Lyndhurst
 Constance Besecker Powell, Piqua
 Sharon Noble Prentice, Columbus
 Paula Virginia Price, Beverly
 Sherry Wies Prime, McGuffey
 Sharon Louise Pugsley, Lima
 Patrick Joseph Purcell, Columbus
 Thomas Edward Purtell, Leesburg
 Nancy Susan Rab, Dayton
 Carolyn Jo Ramseyer, Smithville
 Donna Laurienzo Rano, Westerville
 Susan George Rao, Columbus
 Joyce Falter Rapp, Columbus
 Gail Sue Rauchman, Cincinnati
 Kathleen Ann Reilly, Minster
 Terry Lee Rickel, Burbank
 Elsie Leila Rife, Ypsilanti, Mich.
 Sue Ellen Rinehart, Columbus
 Bobbi Ilene Roach, Sidney
 Katherine Biggs Roman, Mansfield
 Judith Rosenfeld, Cleveland
 Ellyse Tover Rosenthal,
 Melville, N. Y.
 Patricia Patrick Ross, Columbus
 Richard Alan Ross, Columbus
 Hillary Jean Roth, Cincinnati
 Leila Pierce Russo, Columbus
 Patricia Stimmel Rutherford,
 Columbus
 Sheryl Anne Ruzicka, Columbus
 Connie Dietzel Ryan, Columbus
 Sandra Anne Sandusky, Thornville
 Patricia Anne Scherer, Cleveland
 Joyce Rosenfeld Schiff, Columbus

Beverly Sue Schillings, Columbus
 Jeffrey William Schleicher, Columbus
 Kurt Norman Schmitt, Columbus
 Helene Schwarz, Cleveland
 Stephen Albert Scoles, Columbus
 Pamela Kay Scott, Cincinnati
 B.A.
 James Edward Scowden, Columbus
 Sue Ann Sears, Columbus
 Marian Davis Sharp, Zanesville
 Stephanie Lasch Shaw, Newark
 Katherine Jo Shulak, Toledo
 Susan Karas Sieben, Columbus
 Judy Lynn Sigler, Cincinnati
 Deborah Anne Simon, Parma
 Eldon John Simpson,
 Peace River, Alta., Canada
 Linda Lou Simpson, Middletown
 Terri Lynn Skurow, Cincinnati
 Gary Eugene Smith, Willard
 Nancy McClure Smith, Columbus
 Shirley Maxwell Smith, Lexington
 Pamela Ann Shavley, Sidney
 David Allan Spain, Mansfield
 Linda Jean Spillers, Columbus
 Brenda Griffith Spurlock, Eaton
 Jennifer Kimmel Staley, Lima
 Felicity Shumway Steele, Columbus
 Suzanne Fry Stewart, Columbus
 Rebecca Jo Stitzlein, Dublin
 Sarah Quinn Story, Columbus
 Marguerite Anna Strauss, Columbus
 Beverly Ann Strausser, Ravenna
 Constance Jane Strong,
 Honeoye Falls, N. Y.
 Janet Elaine Sturm, Solon
 Joyce June Summers, Shelby
 Sandra Mills Sutherland, New London
 Michael Anthony Swain, Sandusky
 Joellen Crosswell Swisher, Columbus
 Audrey J. Talman, Mansfield
 Linda Darlene Temple, Grove City
 Debra Abdon Thoroman, Sabina
 Victoria Kirby Titus, Marion
 Michael James Trask, Columbus
 Janet Elaine Tricker, Warren
 Marlene Collura Trovato, Columbus
 Don Gene Tschanen, Columbus
 Frances Oliver Tschanen, Columbus
 William C. Tuck, Jr., New Madison
 Jeffrey Charles Tuomala, Geneva
 Gale Bowen Turley, Westerville
 Rosalyn Annette Uhrig, Columbus
 Mary Jo Van Heyde, Columbus
 Sally Jo Van Meter, Columbus
 Carol Campbell Vincent, Columbus
 Howard Daniel Walker,
 Shaker Heights
 Barbara Betz Ward, Columbus

Mary Hardy Ward, Columbus
 Pamela Layne Webb, Sidney
 Joseph Herman Weir, II, Columbus
 Charlene Sue Weisenberger, Norwalk
 Marcia Smith Wenig, Marion
 Kathryn Mulherin Westbrook,
 Columbus
 Suzanne Louise Williams, Kettering
 Cynthia Russell Wilson, Columbus
 Mary Catherine Winter, Lima
 Janet Ann Wohlgemuth,
 Flushing, N. Y.
 John Michael Wood, Bloomingburg
 Dianne Uhl Wright, Columbus
 Penelope Sue Young, Mansfield
 John Clayton Zellers, Berea
 Donna Jean Zuga, Cortland

**Bachelor of Art Education
 Offered jointly by the
 College of The Arts and the
 College of Education**

Thirteen candidates

Mark Conerly Brock, Akron
 Sandra Elaine Carney, Galion
 Constance Snyder Fisher, Columbus
 Connie Sue Hartsook, Grove City
 Karen Lynne Kerchner, Columbus
 Catherine Sue Long, Springfield
 Kathleen Ann McKenna,
 Fairview Park
 Joyce Brian Meyer,
 Franklin Square, N. Y.
 Donna Jean Weightman Olson,
 Columbus
 Gail Elizabeth Paska, Columbus
 Betty Ann Schlecker,
 North Woodmere, N. Y.
 Barbara Howser Sparks, Radnor
 Suzanne Catherine Studer, Mansfield

**Bachelor of Music Education
 Offered jointly by the
 College of The Arts and the
 College of Education**

Eight candidates

Eric Timothy Davis, Vandalia
 Robert Daniel Devine, Jr., Lakewood
 Linda Deffinger Isler, Mansfield
 David Allen Klopfenstein, Shelby
 Linda Marie Lufter, Avon Lake
 Barbara Beth Koerner Magree,
 Columbus
 Suzanne Waltz, Mansfield
 Gail Susan Weinberg, Canton

College of Engineering

Dean: Harold A. Bolz

Bachelor of Science in Aeronautical and Astronautical Engineering

Five candidates

David Orville Ernst, Columbus
John Thomas Jewett, Columbus
Ehud Kibel, Lyndhurst
Edward John Kowalski,
Phoenix, Ariz.
David Lewis Walters, Niles

Bachelor Science in Agricultural Engineering

Four candidates

Alan Carl Friedstrom, Ashtabula
David Bruce Gamble, Columbus
Kenneth Albert Kreinbrink, Findlay
David Paul Shafer, Washington C. H.

Bachelor of Science in Ceramic Engineering

Two candidates

Wayne Thomas Hancock, Youngstown
Sharon Spencer, Columbus

Bachelor of Science in Chemical Engineering

Two candidates

John Anthony Douglas,
Georgetown, Guyana
Alan Philip Lawrence, Brecksville

Civil Engineer

One candidate

George Louis Lignos, Cleveland
B.S.C.E.

Bachelor of Civil Engineering

One candidate

Thomas Milligan, Jr., Columbus

Bachelor of Science in Civil Engineering

Eighteen candidates

John Albert Bond, Jr., Franklin
Christopher Lee Boyd, Lucas
James Francis Branagan,
Steubenville
Larry James Coomer, Fremont
Mitchell Wayne Cosler, Xenia
James Keith Crowl, Columbus
Thomas Earl Jedlinsky, Solon
Steven Gary Jewell, Columbus
Michael Harold Lang, Waterford
Robert Alan Long, Lima
James Lynn Martin, Columbus
Douglas Karl Nims, Troy
Thomas Edward Owings, Columbus
Stephen Klemm Prater, Marion
Mehmet Bulent Tin, Columbus
Gregory George Vrabel, Parma
Robert Payton Walker, Jr.,
Portsmouth
Michael Lynn Weiler, Cardington

Bachelor of Science in Computer and Information Science

Fourteen candidates

Robert Ronald Ainslie,
Williamsville, N. Y.
Judith Elaine Bom, Marietta
Larry Lee Boyer, Columbus
Bruce Alan Burgin, Toledo
Paul Wilson Calloway, Reynoldsburg
Gary Edward Conyer, Sandusky
Michael Joseph Gallagher,
Westerville
Grant Robert Jensen, Jr.,
St. Albans, W. Va.
¹ John Alfred Lowy, Columbus
Earl Joseph Quick, Mansfield
² David Reckseit, II, Cincinnati
Timon Lee Runyan, Cincinnati
Lawrence Michael Stover, Columbus
Cindy Lou Weeks, Norwalk

Bachelor of Electrical Engineering

Two candidates

³James Louis Fogle, Columbus
Thomas Gilbert Mayhew, Columbus

² Also Master of Science, Graduate School
¹ Also Bachelor of Science in Electrical Engineering, College of Engineering
² Also Bachelor of Science in Industrial Engineering, College of Engineering
³ Also Bachelor of Computer and Information Science, College of Engineering

Bachelor of Science in Electrical Engineering

Thirty-one candidates

Lauren Edgar Anstead, Columbus
Richard Edgar Bailey, Columbus
David Frank Baker, Delaware
John William Bauerle, Radnor
Howard Bert Bumgarner,
West Chester
Franco Cosentino, Canton
Paul Anthony Dickson, Columbus
Geoffrey Wayne Doyle, Cincinnati
James Thomas Ellis, Columbus
Jerry Lee Harbin, Columbus
Donald Joseph Jergens, Columbus
James Clyde Jones, Columbus
Robert Andrew Lipp, Columbus
³ John Alfred Lowy, Columbus
Joe Craig Medors, London
Robert Charles Munroe, Columbus
Charles Joseph Murnane, Galloway
George Peter Olson, Columbus
Monte K. Provost, Navarre
Glenn Edward Ryan, Westerville
John Thomas Skowron, Berea
Gary Douglas Slack, Columbus
Frank Arden Sqrow, Columbus
Daniel Lynn Steiner, Columbus
Gerald Masaji Takasaki,
Hakalau, Hawaii
Grace Deleese Tanner, Columbus
Edward Dean Turner, Columbus
William Gary Warner, Worthington
Gary Mark Webster, Sidney
Douglas Parker Woods, Westerville
David Anthony Zemanek, Lorain

Bachelor of Science in Engineering Physics

One candidate

John Michael Gallant, Columbus

Industrial Engineer

One candidate

Moinuddin Nizamuddin Shaikh,
Poona, India
B.E. (Gulbarga Engineering
College, India)

Bachelor of Science in Industrial Engineering

Thirteen candidates

Michael Joseph Foley, Warren

College of Medicine

Acting Dean: Robert J. Atwell

Robert Lee Harmon, Laurelville
Russell Dean Hunter, Bucyrus
Robert Allen Kready, Worthington
Thomas Raymond Laine, Conneaut
John Julius Marsh, III,
New Philadelphia
Frank Michael Marzich, Canton
Donald Alan Poe, Columbus
*David Reckseit, II, Cincinnati
Rondal Alan Schworm, Worthington
Lee Allen Simpson, Columbus
David Scott Sink, Findlay
Thomas Edward Zipf, Columbus

Bachelor of Science in Mechanical Engineering

Sixteen candidates

David George Bernier, Hamilton
Chris Richard Case, Galion
James Wayne Cox, Jr., Columbus
Gerald Mark Elliott, Columbus
Robert Henry Granzow, Jr.,
Miamisburg
Michael William Konderson, Parma
Carl Alan McMullen, Columbus
Mark Peters Monsarrat, Columbus
Robert Andrew Novak, Geneva
Michael Corwin Prentice, Columbus
David Steven Rader,
Huntington, W. Va.
James Wagner Rinehart, Columbus
Kenneth Bruce Scott, Cincinnati
David Michael Shaw, Perrysburg
Frank Loveland Sterling, Poland
Gary Dean Stone, Mansfield

Bachelor of Metallurgical Engineering

One candidate

† Michael Carrol Long, Columbus

Bachelor of Science in Metallurgical Engineering

One candidate

Timothy James Schwartz,
Worthington

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Four candidates

Robert Patrick Gill, Columbus
B.S. (Kansas State University)
Charles Henry Hollingsworth, Jr.,
Columbus
Donna Byrne Morgan, Nankin
John David Sampson, Columbus

Certificate of Post Baccalaureate Circulation Technologist

Two candidates

Edward Michael Tann, Columbus
B.S. (Ohio Dominican College)
William Steve Vokonas, Columbus
B.S.

Certificate of Post Baccalaureate Medical Technologist

Four candidates

Melissa Jane Callahan,
Charleston, W. Va.
B.A. (Marietta College)
Dale Matthews Driver, Newark
B.S. (Winston Salem State College)
Wayne Curtis Hawley, Endicott, N. Y.
B.A. (Union College)
James Edward Whited, Columbus
A.B. (Olivet Nazarene College)

Certificate of Nurse Anesthetist

Six candidates

Rebecca Ann Allen, Miamisburg
R.N. (Miami Valley Hospital,
School of Nursing)
Robert Hiley Arwine,
San Lorenzo, Calif.
Mary Ann Boyd, Columbus
B.S.Nurs.
Carol Ann Deslauriers, Columbus
R.N. (Massachusetts General
Hospital, School of Nursing)
Judith Lowmiller Sherwood, Columbus
Paul Joseph Wulf, Columbus
R.N. (Saint Anthony's Hospital
School of Nursing)

School of Nursing

Bachelor of Science in Nursing

Sixty-six candidates

Sandra Marie Altenbach, Lima
Judith Ann Barger, Kenton
Sherry Lynne Beggs, North Canton
Linda Anne Belter, Cleveland
Judith Butler Bollinger, Columbus
Becky Jane Bryan, Zanesville
Susan Marie Buckles, Lorain
Shirley Hambrick Butler, Columbus
Theresa Ann Case, Columbus
Marcia Ann Chew, Shelby
Joan Carol Daniel, Columbus
Kathleen Sullivan Dickey, Marietta
Diane Marie Durham, Delta
Lee Anne Entinghe, Lima
Joanne Kritzer Fogel, Sidney
Mary Margaret Gagen, Mt. Vernon
Terrie Rae Garner, Walbridge
Marlene Rise Gerowin, Cleveland
Linda Kay Handwork, Salem
Janis Marie Hawley, Lorain
Janis Ann Hays, Ada
Pamela Sue Huber, Bellville
Sherry Warvel Hull, Brookville
Barbara Ann Janik, Youngstown
Elizabeth Harger Johnston,
Bowling Green
Priscilla W. Jurkovich, Columbus
Janie VanGilder Katz, Columbus
Kreelan Dawn Kunst, Springfield
Linda Marie Kuntz, Wintersville
Sandra May Lawrie, Fairview Park
Debbie Ann Loewer, Phoneton
Diane Beeler Lowe, Columbus
Rebecca Price Maloney, Chillicothe
Sue E. McCoy, Akron
Susan Jane Metzger, Delphos
Virginia Grace Miller, Columbus
Susan Elaine Morgan, Portsmouth
Carol Lynn Mullins, Dayton
Karen Ann Mullins, Lima
Gail Susanna Odneal, Toledo
Deborah Ann O'Shea, Oregon
Roxie Ann Perdue,
South Zanesville
Kathryn Kemple Pollard, Columbus
Barbara Joan Ralston, Columbus
Patrice Ellen Rancour, Parma
Janet Marie Rauch, Columbus
Deborah Clara Rauck, Grove City
Wendy Ressler, Rocky River
Nancy Connolly Rini, Toronto

* Also Bachelor of Science in Computer and
Information Science, College of Engineering
† Also Master of Science, Graduate School

Susan Richardson Rovick, Cambridge
Sandra Jo Russell, Warren
Joyce Serksnis Sarris, Columbus
Barbara Lynn Schaefer, Cincinnati
Barbara Jean Schaublin, Ottawa
Shirley Ann Scott, Columbus
Retha Kay Shultz, Greenfield
Lynn Marie Simon, Columbus
Frances Ann Smrekar, Bridgeport
Margaret Elaine Steele, Millersport
Mary Catherine Thome, Akron
Victoria Lynn Warschauer,
 Satellite Beach, Fla.
Martha McFarland Weaver,
 Columbus
Sally Jo Weber, New Philadelphia
Bernice Uhl Wilson, Columbus
Terry Patricia Wise, Norwalk
Susan Patricia Worcester, Akron

Graduates with Honors

Summa Cum Laude

Suzanne Rose Armitage, Worthington
Margaret Livingston Bland, Columbus
Judith Elaine Bom, Marietta
Timothy M. Cardina, Akron
Regina Martin Carroll, Columbus
Christine Lee Cole, Columbus
Linda Kuhlwein Davis, Columbus
Kathleen Lynne Evans, Columbus
Douglas Alan Ferguson, Lima
Fredrick Lee Fisher, Columbus
Poppy Laurie Girtton, Washington C. H.
Bernard Norbert Gosche, Columbus
David Cyril Hemmelgarn, Worthington
Pamela Sue Huber, Bellville
Linda Deffinger Isler, Mansfield
Stephen Allen Johnson, Columbus
Bruce Glenn King, Columbus
Dale Clyde Landon, Columbus
Gwen Humphries Landon, Columbus
Thia Sanders Leo, Marengo
John Alfred Lowy, Columbus
John Julius Marsh, III, New Philadelphia
Virginia Grace Miller, Columbus
Catherine Coulter Obermeyer, Columbus
Joan Reely Patterson, Marion
Sandra Buckley Paxton, Columbus
Leslie Howard Peterson, Wellington
John Franklin Shontz, Strasburg
Gerald Masaji Takasaki, Hakalau, Hawaii
Dale Randolph Talcott, Xenia
Victoria Kirby Titus, Marion
Beth Steiner Ullery, Worthington
Mary Jo Van Heyde, Columbus
Barbara Betz Ward, Columbus
Bernice Uhl Wilson, Columbus

Summa cum laude and with Distinction in Agricultural Education

Dennis Ellsworth Stryker, Bradford

Summa cum laude and with Distinction in English

Barbara Mae Albee, Columbus
Dwight Edward Weber, Cincinnati

Summa cum laude and with Distinction in History

Patricia Watson Turvey, Columbus

Summa cum laude and with Distinction in Home Economics

Linda Smith Knight, Columbus

Cum Laude

Jean Ackes Amos, Euclid
Carol Louise Bender, Prospect
Miguel Mauricio Bowen, Columbus
Eric Dale Bowman, Columbus
Eileen Marcia Brown, Beachwood
Helena Maria Buch, Lima

Shirley Hambrick Butler, Columbus
James Ray Carroll, Columbus
Mary Fisher Catanzaro, Columbus
Stephen Fraser Cherrington, Vienna, Va.
Susan Bruhn Cook, Columbus
Linda Susan Constantine, Parma
James Barton Couch, Archbold
Nancy Aikens Craun, Columbus
Jean Marie Dalicandro, Skokie, Ill.
Joan Carol Daniel, Columbus
Maureen Annette Delphia, Columbus
Michael John Delphia, Columbus
Janet Lynn Dight, Skokie, Ill.
Elizabeth Jane Finan, Danville
Constance Snyder Fisher, Columbus
David Clarence Frederick, Kettering
Linda Burns Fulton, Columbus
Ellyn Laura Goldstein, Atlanta, Ga.
Gerald Sherman Gurney, Cleveland Heights
Jacqueline Ruth Harper, Wilmington
David Cyril Hemmelgarn, Worthington
Peggy Marie Henson, Mansfield
Sharon Stuckey Huber, Columbus
Juliet Sarnoff Hyatt, Columbus
Barbara Ann Janik, Youngstown
Alice Dee Kanonchoff, Allison Park, Pa.
Linda Lou Kelley, Hillsboro
William Joseph Kelly, Jr., Columbus
Sharon Simon Kelm, Cincinnati
Marjorie Easton Kistemaker, Columbus
Denise Thea Kontras, Columbus
Barbara Lynn Lally, Columbus
Daniel Paul Lammertse, Akron
Mary Ann Lavery, Akron
Clark Baker Lawrence, Columbus
Sandra May Lawrie, Fairview Park
David Eugene Lewandowski, Toledo
Mark Alan Lieberman, Canton
Debbie Ann Loewer, Phoneton
Gary Allen Luken, Columbus
Charles Walter McCoy, Columbus
Laurie Chun McEnery, Bedford
Kathleen Ann McKenna, Fairview Park
John Charles Medley, Shelby
Thomas Milligan, Jr., Columbus
Mark Peters Monsarrat, Columbus
Cindy Lookabaugh Mountcastle, Columbus
Laura Ann Nicholl, Columbus
Shelley Pat Nierenberg, Dayton
Kristine Kay Peters, Columbus
Monte K. Provost, Navarre
Thomas Edward Purtell, Leesburg
Patrice Ellen Rancour, Parma
Joyce Falter Rapp, Columbus
Lucinda Allison Reynolds, Columbus
Katherine Biggs Roman, Mansfield
Glenn Stephen Roush, Hillsboro
Glenn Edward Ryan, Westerville
Thomas Clement Scherer, Columbus
Pamela Kay Scott, Cincinnati
Jerry Dwight Sell, Columbus

Stephanie Lasch Shaw, Newark
Kathleen Susan Smigel, New Philadelphia
Frances Ann Smrekar, Bridgeport
Sharon Spencer, Columbus
Karen Durigg Sturtz, Marion
Gregory Edward Tolla, West Farmington
Janet Elaine Tricker, Warren
Edward Dean Turner, Columbus
Jane Louise Vovk, Columbus
Mary Hardy Ward, Columbus
William Gary Warner, Worthington
David Ross Wilson, Kent
Dianne Uhl Wright, Columbus
Michael Melvin Zimmerer, Cincinnati

Cum laude and with Distinction in Animal Science

Kevin Donald Corcoran, Chillicothe
John Allen Sarkett, Cleveland

Cum laude and with Distinction in Natural Resources

Lawrence Marsh Davis, Columbus

Cum laude and with Distinction in Social Sciences

John William Guendelsberger, Sandusky

Cum laude and with Distinction in Sociology

Richard Keith Sheir, University Heights

With Distinction in Agricultural Economics

Roger Wayne Smith, Canal Winchester

With Distinction in Agronomy

Steven Curtis Davis, Xenia

With Distinction in Animal Science

Katherine Stein Sather, Meadville, Pa.

With Distinction in Anthropology

Philip Wilber, Toledo
William James Woolf, Jr., Columbus

With Distinction in Ceramic Art

Clayne McCully Chase, Columbus

With Distinction in History

Peter Daniel Skirbunt, Cleveland

With Distinction in Political Science

Frank Leonard Staniszewski, Independence

With Distinction in Theatre

Alan Barinholtz, Skokie, Ill.

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Mansfield, Ohio, April 6, 1973

The Board of Trustees met at its regular monthly meeting on Friday, April 6, 1973, at The Ohio State University Mansfield Regional Campus, Mansfield, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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April 6, 1973 meeting, Board of Trustees

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of Department of Industrial Design

The University Senate at the March 6, 1973 meeting approved the change in the status of the Division of Design to the Department of Industrial Design, effective July 1, 1973.

In its four years of existence, the Division of Design has established programs leading to the degrees Bachelor of Science in Industrial Design and Master of Arts. Public service and research opportunities are many and varied in the area of industrial design, a field which is recognized by universities nationally and internationally as a unique area of academic concern.

President Enarson recommended that the Department of Industrial Design be established in accordance with the University Senate's recommendation.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Reprinted Publication Entitled--Statutes Applying to the University, By-laws of the Board of Trustees, and Rules for the University Faculty

The publication entitled, Statutes Applying to the University, Bylaws of the Board of Trustees, and Rules for the University Faculty, has been reprinted to conform to the changes which have been approved by the Board of Trustees since the last publication in May, 1972. The statutes of the Ohio Revised Code pertaining to The Ohio State University and printed in this publication have been revised to include those actions adopted by the 109th General Assembly.

President Enarson recommended that this publication be accepted in its reprinted form as the official publication of the Board of Trustees.

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the March 2, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignation, Appointments, Leave of Absence Without Salary, and Emeritus Titles:

April 6, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Resignation

Luvern L. Cunningham has resigned his position as Dean of the College of Education, effective June 30, 1973. Dr. Cunningham will continue as a Professor in the College of Education on a part-time basis and will serve as Executive Director of an educational task force in the Detroit Public Schools.

B. Appointments

Henry G. Cramblett, Dean of the College of Medicine, effective July 1, 1973, at a salary of \$43,008.00 per annum (twelve-month appointment). Dr. Cramblett will continue to hold his professorships in the Departments of Medical Microbiology and Pediatrics.

C. Roger Smith, Dean of the College of Veterinary Medicine, effective immediately, at a salary of \$35,088.00 per annum (twelve-month appointment). Dr. Smith will continue his academic appointment as Professor in the Department of Veterinary Physiology and Pharmacology.

Edna L. Fritz, Professor and Director, School of Nursing, effective August 1, 1973, at a salary of \$27,960.00 per annum (twelve-month appointment).

C. Leave of Absence Without Salary

Francille M. Firebaugh, Professor, School of Home Economics, effective March 1, 1973 through June 30, 1973, to review research proposals and assist with home management and family economics programs with USDA-Cooperative State Research Service in Washington, D. C.

D. Emeritus Titles

Carl E. Venard, Department of Entomology, with the title Professor Emeritus, effective January 1, 1973.

Byron E. Gamble, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1973.

President Enarson recommended that the Resignation, Appointments, Leave of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the March 2, 1973 meeting of the Board be accepted.

SUMMARY

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	12	\$2,540,667.00
The Ohio State University Research Foundation	37	1,381,977.76
The Engineering Experiment Station	2	11,160.00
The Ohio State University Development Fund	1,625	761,969.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Dr. Sirak, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer

1. Contracts and Grants

- a. \$742,167.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Cooperative Development of Performance Based Curricular Systems for Vocational Education Personnel, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0077)
- b. \$601,542.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Information, Evaluation, and Planning Systems for Vocational Education, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0076)
- c. \$567,625.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Vocational Development and Adjustments - Career Planning Support System, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0079)
- d. \$262,200.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Instructional Systems Design, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0078)
- e. \$108,708.00 granted by Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., to the University for Diffusion Strategies for Career Education, under the direction of the Center for Vocational and Technical Education, for the period March 1, 1973 through November 30, 1973. (Contract No. NE-C-00-3-0080)
- f. \$72,933.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 30 enrollees, under the direction of the College of Administrative Science, for the period September 27, 1972 through August 31, 1973. (Model Cities Contract No. 30-3437)

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- g. \$68,250.00 additional grant by National Science Foundation, Washington, D. C., to the University for support of the 1973 National Science Foundation Graduate Traineeship Program, under the direction of the Graduate School. This grant expires on September 30, 1974. (Grant GZ-2769, Proposal No. 3/Z30-3925)
- h. \$49,300.00 granted by State of Ohio - Rehabilitation Services Commission, Columbus, Ohio, to the University for the Franklin County PA/VR Expansion Grants Evaluation Project, under the direction of the School of Social Work, for the period December 12, 1972 through November 30, 1973. (Grant No. 25-P-65439/5-02)
- i. \$25,505.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 100 enrollees, under the direction of the School of Social Work, for the period September 27, 1972 through June 30, 1973. (DOL Contract No. N5-2519-39)
- j. \$24,299.00 granted by Columbus Metropolitan Area Community Action Organization, Columbus, Ohio, to the University for Columbus Metropolitan Area Community Action Organization's New Careers Program for conducting courses for 30 enrollees, under the direction of the School of Social Work, for the period September 27, 1972 through August 31, 1973. (Model Cities Contract No. 30-3437)
- k. \$14,668.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1973 through December 31, 1973. (Grant No. 5 S01 RR05742-02)
- l. \$3,470.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Library Resource Support, under the direction of the University Libraries, for the period March 1, 1973 through February 28, 1974. (Grant No. 5 G01-LM00684-05)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period February 1, 1973 through February 28, 1973.

1. Federal Research Contracts

- a. U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, High Temperature Electro-Chemical Research in Metallurgy (to be known as Project No. 2932 - Mod. #P00003 - Department of Metallurgical Engineering).
Gross Value - \$5,000.00.
- b. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Laser Absorption Studies in the 5-Micron Band (to be known as Project No. 3271-A1 - Mod. #P00003 - Department of Electrical Engineering, ElectroScience Laboratory).
Gross Value - \$81,000.00.
- c. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Development of a Dupolasmatron Excitation Technique for Measuring Flow Properties Around High Speed Vehicles (to be known as Project No. 3361-A1 - Mod. #P00001 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$6,500.00.
- d. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-A1 - Mod. #P00001 - Department of Geodetic Science).
Gross Value - \$27,893.00.
- e. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-B1 - Mod. #P00001 - Department of Geodetic Science).
Gross Value - \$22,107.00.
- f. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Investigation of the Multi-frequency Radar Reflectivity of Radar Targets for Improved Target Identification (to be known as Project No. 3424-A1 - Mod. #P00001 - Department of Electrical Engineering, ElectroScience Laboratory).
Gross Value - \$27,495.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

- g. U. S. Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Interaction of Ultra High Mach Number Gas Jets and Particle Concentration by Using Wave Systems (to be known as Project No. 3606-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$75,967.00.

- h. U. S. Army, San Francisco Procurement Agency, Oakland, California, Development of Army Career Profiles (to be known as Project No. 3620-A1 - New - Academic Faculty of Management Science).
Gross Value - \$3,150.00.

TOTAL - Federal Research Contracts \$249,112.00

2. State Research Contract

- a. Ohio Commission on Local Government Services, Columbus, Ohio, Public Official Survey (to be known as Project No. 3634-A1 - New - College of Social and Behavioral Sciences, Behavioral Sciences Laboratory).
Gross Value - \$26,536.56.

3. Industrial and Other Research Contracts

- a. A. Earl Cullum, Jr., & Associates, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - Periodic Partial Funding - Department of Electrical Engineering).
Gross Value - \$40,923.20.
- b. Coordinating Research Council & Environmental Protection Agency, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-A1 - Mod. #4 - Department of Preventive Medicine).
Gross Value - \$53,393.00.
- c. Coordinating Research Council & Environmental Protection Agency, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-B1 - Mod. #4 - Engineering Experiment Station).
Gross Value - \$72,607.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial and Other Research Contracts (continued)

- d. Space and Missiles Systems Organization, Los Angeles, California, Electrically Small Antennas for Nose Cone Applications (to be known as Project No. 3378-A1 - Mod. #P00004 - Department of Electrical Engineering, ElectroScience Laboratory).
Gross Value - \$4,000.00.
- e. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Test Program for NASA Choked Inlet - 229 Scale Model (to be known as Project No. 3602-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$1,600.00.
- f. Systems Engineering Associates, Columbus, Ohio, Test Cell Experiments Involving Liquid and Vaporized Propane (to be known as Project No. 3619-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$125.00.

TOTAL - Industrial and Other Research Contracts \$172,648.20

4. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as Project No. 1470-K - Ext. #10 - Department of Psychology).
Gross Value - \$16,923.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Optical Isomers of Amines on Nerve Granules (to be known as Project No. 2753-D - Ext. #4 - College of Pharmacy).
Gross Value - \$13,514.00.
- c. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - Amend. #6 - Department of Physics).
Gross Value - \$165,700.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-D - Ext. #4 - Department of Veterinary Pathobiology).
Gross Value - \$60,552.00.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Hypocholesterolemic Agents - Stereochemical Studies (to be known as Project No. 2769-D - Ext. #4 - College of Pharmacy).
Gross Value - \$36,375.00.
- f. National Science Foundation, Washington, D. C., Carbenic Processes: The Chemistry of Diazo Compounds and Related Intermediates (to be known as Project No. 3195-A1 - Amend. #2 - Department of Chemistry).
Gross Value - \$41,300.00.
- g. National Science Foundation, Washington, D. C., Metal Complexes of Linear and Macrocyclic Tetradentate Ligands (to be known as Project No. 3225-A1 - Amend. #2 - Department of Chemistry).
Gross Value - \$41,500.00.
- h. National Science Foundation, Washington, D. C., Development of a New Geochronometer Based on the Decay of Lu^{176} to Hf^{176} in Rocks and Minerals (to be known as Project No. 3254-A1 - Amend. #1 - Department of Geology and Mineralogy).
Gross Value - \$18,200.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Periodontal Disease in the Germ-free State (to be known as Project No. 3402-A2 - Ext. #1 - College of Dentistry).
Gross Value - \$22,036.00.
- j. National Science Foundation, Washington, D. C., A Study of Relaxation, Diffusion, and Polarization in the Solid Hydrogens (to be known as Project No. 3428-A1 - Amend. #1 - Department of Physics).
Gross Value - \$40,000.00.
- k. National Science Foundation, Washington, D. C., Productivity of Tundra Lichens in the Prudhoe Bay Region: Physiological Ecology of Arctic Bryophytes (to be known as Project No. 3462-A1 - Amend. #1 - Institute of Polar Studies).
Gross Value - \$6,900.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- l. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pharmacology of Coumarin Anticoagulants (to be known as Project No. 3623-A1 - New - Department of Pharmacology).
Gross Value - \$35,012.00.
- m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Household Formation, Fertility, and Market Activity (to be known as Project No. 3629-A1 - New - Department of Economics and Center for Human Resource Research).
Gross Value - \$49,964.00.
- n. National Science Foundation, Washington, D. C., Late Quaternary Vegetational and Climatic History of the Middle Tanana Valley, Interior Alaska (to be known as Project No. 3633-A1 - New - Institute of Polar Studies).
Gross Value - \$20,400.00.
- o. National Science Foundation, Washington, D. C., Diffusion of Innovation (to be known as Project No. 3637-A1 - New - Department of Geography).
Gross Value - \$208,200.00.

TOTAL - Federal Research Grants \$776,576.00

5. City Research Grant

- a. City of Columbus, Columbus, Ohio, Bail System Development Study (to be known as Project No. 3621-A1 - New - College of Administrative Science, Division of Public Administration and Department of Industrial and Systems Engineering).
Gross Value - \$47,520.00.

6. Industrial and Other Research Grants

- a. National Endowment for the Humanities, Washington, D. C., The Social Relevance of the Afro-American Experience (to be known as Project No. 3616-A1 - New - Department of Black Studies).
Gross Value - \$47,000.00.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

6. Industrial and Other Research Grants (continued)

- b. The Ford Foundation, New York, New York, Social Class and Sub-nation: A Three-Nation Study (to be known as Project No. 3618-A1 - New - Center for Human Resource Research and Departments of Sociology and Economics).
Gross Value - \$50,000.00.
- c. National Council on the Arts, National Endowment for the Arts, Washington, D. C., Theatre Program--The First International Conference of Visual and Performing Arts in Higher Education (to be known as Project No. 3624-A1 - New - Division of Art).
Gross Value - \$3,750.00.
- d. Visual Arts Program, National Endowment for the Arts, Washington, D. C., Artists-and-Critics-in-Residence Program (to be known as Project No. 3626-A1 - New - Division of Art).
Gross Value - \$1,500.00.
- e. Visual Arts Program, National Endowment for the Arts, Washington, D. C., Artists-and-Critics-in-Residence Program (to be known as Project No. 3627-A1 - New - Division of Art).
Gross Value - \$3,075.00.
- f. Morris Animal Foundation, Denver, Colorado, Hemodynamic Correlates of Shock in Horses (to be known as Project No. 3628-A1 - New - Department of Veterinary Physiology and Pharmacology).
Gross Value - \$4,260.00.

TOTAL - Industrial and Other Research Grants \$109,585.00

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period February 7, 1973 through March 1, 1973.

1. Industrial Research Contracts

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|---------------------|--|
| EES 408X
Ext. #2 | Polymer Engineering Research, Owens Illinois Technical Center, Toledo, Ohio
Gross Value - \$7,500.00. |
| EES 438X | In-Line Separator Efficiency, Pennsylvania Separator Company, Brookville, Pennsylvania.
Gross Value - \$3,660.00. |

TOTAL - Industrial Research Contracts \$11,160.00

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through January 31, 1973

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	19,093		\$ 434,551.00
Major Resources Group			
Major Individual Gifts	413	\$1,621,966.00	
Corporate Gifts	321	844,573.00	
Foundation and Non- profit Organiza- tion Gifts	<u>236</u>	<u>862,727.00</u>	
Total			<u>3,329,266.00</u>
Grand Total	20,063		<u><u>\$3,763,817.00</u></u>

2. Report for July 1, 1972 through February 28, 1973

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	19,893		\$ 453,937.00
Major Resources Group			
Major Individual Gifts	505	\$1,988,296.00	
Corporate Gifts	349	880,425.00	
Foundation and Non- profit Organiza- tion Gifts	<u>290</u>	<u>954,377.00</u>	
Total			<u>3,823,098.00</u>
Grand Total	21,037		<u><u>\$4,277,035.00</u></u>

3. Gifts of \$5,000 or More

- a. \$279,517.88 from the Estate of Stanton Youngberg, San Francisco, California, for a purpose to be designated at a later date.
- b. \$71,028.00 from Robert Wood Johnson Foundation, Princeton, New Jersey, for scholarships in the College of Dentistry.
- c. \$27,500.00 from E. I. du Pont de Nemours & Company, Wilmington, Delaware--\$15,000.00 for research in Chemistry, \$7,500.00 for research in Chemical Engineering, and \$5,000.00 for the Department of Mechanical Engineering to be used at the discretion of the Chairman.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

3. Gifts of \$5,000 or More (continued)

- d. \$25,475.27 from the Estate of Lucille Morrissey Denney, Columbus, Ohio--\$12,737.64 for the School of Music and \$12,737.63 for the Shakespeare Memorial Library.
- e. \$25,000.00 from the Kiplinger Foundation, Inc., Washington, D. C. --\$15,000.00 for the Journalism Building Fund, \$8,500.00 for support of the Professorship of Public Affairs in the School of Journalism, and \$1,500.00 for the discretionary fund for the Director of the School of Journalism.
- f. \$22,460.61 from the Associates of Medicine, Columbus, Ohio, for research in the Department of Medicine.
- g. \$21,650.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for its scholarship fund in the College of Medicine.
- h. \$10,000.00 from Eli Lilly & Company, Indianapolis, Indiana, for infectious disease research.
- i. \$10,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the University Activities Center.
- j. \$10,000.00 from National/Ohio 4-H Foundation Campaign, Columbus, Ohio, for its fund in the College of Agriculture and Home Economics.
- k. \$9,000.00 from Abbott Laboratories, Chicago, Illinois, for research in the College of Medicine.
- l. \$9,000.00 from the Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
- m. \$7,600.00 from G. D. Searle & Company, Chicago, Illinois--\$7,400.00 for cancer research and \$200.00 for lectures in the College of Pharmacy.
- n. \$6,817.80 from Searle Diagnostic, Inc., Columbus, Ohio, for Pharmacology research.
- o. \$5,023.35 from Antique Show Receipts, Columbus, Ohio--\$4,023.35 for a purpose to be designated at a later date and \$1,000.00 for the University Activities Center.
- p. \$5,000.00 from Mr. Donald C. Chapman, Columbus, Ohio, to be used at the discretion of the Vice President for Educational Services.

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

3. Gifts of \$5,000 or More (continued)

- q. \$5,000.00 from the Duriron Company, Inc., Dayton, Ohio, for its Professorship in Metallurgical Engineering.
- r. \$5,000.00 from Exxon Education Foundation, New York, New York, for its fellowship in the College of Engineering.
- s. \$5,000.00 from Jasam Foundation, Inc., Columbus, Ohio, for the study of disadvantaged adolescents in the College of Education.
- t. \$5,000.00 from National Academy of Education, Syracuse, New York, to be used at the discretion of the Chairman of the Academic Faculty of Educational Administration in the College of Education.
- u. \$5,000.00 from the Pharmaceutical Manufacturers Association Foundation, Inc., Washington, D. C., for its fellowship in the College of Medicine.
- v. \$5,000.00 from Mrs. Lydia W. Pollack, Columbus, Ohio, for scholarships in the College of Law.
- w. \$1,619.08 from the Estate of Hazel C. Youngberg, San Francisco, California, to be used at the discretion of the Board of Trustees.

4. Establishment of Named Fund

- a. \$1,000.00 from Dr. Francis B. McCormick for the establishment of The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics.

The Francis B. McCormick Undergraduate Scholarship
Fund in Agricultural Economics

The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics was established April 6, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Francis B. McCormick, B.S. '39, M.S. '47, Ph.D. '53, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$10,000. At that time, the annual income is to be used to provide one or more undergraduate scholarships for students enrolled in the

April 6, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

4. Establishment of Named Fund (continued)

- a. The Francis B. McCormick Undergraduate Scholarship Fund in Agricultural Economics (continued)

College of Agriculture and Home Economics and majoring in agricultural economics.

Selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Chairman of the Department of Agricultural Economics and Rural Sociology and the Dean of the College of Agriculture and Home Economics or their duly selected successors in any restructuring of the Department, the College, or the University. Recipients will be selected on the basis of scholarly achievement and need with major emphasis given to scholarly achievement. The amount of each scholarship will be determined by the Selection Committee, but in no case will it be less than \$500 annually. As occasions permit, faculty members in the Department of Agricultural Economics and Rural Sociology should encourage friends and alumni to make gifts to this fund.

For whatever reason should the need for scholarships in agricultural economics cease to exist or so diminish as to provide unused income, then the income is to be used for undergraduate students at Ohio State University whose home is in Muskingum County, Ohio, with selection being made by the appropriate administrative official of the University who is directly responsible for scholarships.

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IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON

Following the presentation of the report of contracts and grants received by the University, President Enarson made the following statement:

Today's meeting of The Ohio State University Board of Trustees on the Mansfield Campus serves well to emphasize the significance the University attaches to its undergraduate programs. The opportunities offered at Mansfield and the other regional campuses surely represent one of the strong points of our undergraduate academic undertaking.

Undergraduate education has been receiving a great deal more attention this past year than it has at any time since the mid-50's. Most departments now have some form of individualized or independent study and have developed ways to more effectively personalize undergraduate

April 6, 1973 meeting, Board of Trustees

IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON (continued)

instruction. At the same time the University is taking the initiative in encouraging the development of one-of-a-kind programs which permit some students to design their own programs from among the many rich offerings at Ohio State.

Long a national leader in teaching technology, Ohio State continues to find new and more effective ways of using technology to support the teaching-learning process. To take but one example, computer assisted instruction is now opening up new dimensions of instruction for undergraduates in areas such as classics and philosophy.

In addition to working toward greater personalization of instruction and more effective use of technology, the renewed emphasis on undergraduate education is being reflected in greater rewards for outstanding teaching. The traditional incentives of promotion, tenure and salary are at least as available to outstanding teacher scholars today as they are to distinguished researchers.

Most important perhaps, the University is finding new ways to encourage innovative ideas in teaching. One dramatic example of the kind of work being done is the University Task Force on Learning which has involved well over a hundred people who are working together to share teaching-learning innovations across departments.

We can do more and we will. But in emphasizing undergraduate education, we must not lose sight of the unique role in society played by campus research experts. Research is part of the life blood of a university and we need to guard against developments that could weaken this part of the University's function.

We have just heard a report on 51 research contracts and grants awarded during the past month and totaling some \$3.9 million. These awards, I believe, should direct attention for a moment to the value of university research.

The search for new knowledge, carried out in close relationship to the other work of the university, is of inestimable value to all of us today and perhaps even more to those who will follow us.

No other segment of society can perform the tasks of the university's research investigators, whose talent, training and experience have prepared them for this work.

At this time, when the financing of higher education is in jeopardy on both state and federal levels, I fervently hope that the work of the researcher not only can receive adequate support but can be strengthened.

It would be folly now for this state and nation to bring about even a partial dispersal of the universities' research experts or to take away their research tools.

April 6, 1973 meeting, Board of Trustees

IV. STATEMENT BY PRESIDENT HAROLD L. ENARSON (continued)

For the last fiscal year, the dollar valuation of campus research projects was nearly \$22 million. Most impressive, however, is the scope and the sophistication of the research studies which Ohio State faculty and graduate students are undertaking. Under Research Foundation agreements alone last year, 519 faculty and 697 graduate students worked on 733 projects in 92 university areas.

It should be noted that this work is undertaken, not as the business of a research institute, but for the educational value derived. In the university, research and instruction are intimately associated--in fact, often may be inseparable.

Among the contracts and grants reported at today's meeting of the Board of Trustees, there are five totaling more than \$2.2 million for work in the field of vocational and technical education for the National Institute of Education, and others range from studies of the earth's gravity for the Air Force Systems Command to an investigation of television signal reflections.

Additional agreements involve 'new careers' programs for the Columbus Metropolitan Area Community Action Organization; medical and engineering studies of the effects of carbon dioxide on automobile driving; a veterinary investigation of brain tumors, and work on blood coagulants.

The variety of research pursuits represented on the campus underlines the capacity of the research staffs on the comprehensive university to help solve the problems facing us today, to expand the limits of our knowledge and to bring to this community the creative work of attacking these projects.

Beyond teaching and research, to turn for a moment to the third part of Ohio State's mission, the most rapidly growing need in our society appears to be for greater emphasis on the public service function of our colleges and universities. We have made every effort to keep pace with this need through a wide variety of continuing education programs as well as a multitude of other services that we perform for society.

In the near future we will undertake a thrust to open opportunity for education to everyone through a greatly expanded program of evening studies. This is only the beginning of what I predict will be one of the significant trends in higher education. The so called 'knowledge industry' will grow because of public demand for greater access to educational opportunity.

After only a few months as President of Ohio State University I am pleased to report that I feel the University and its regional campuses are uniquely qualified to provide a balanced approach to the three-fold mission of teaching, research and public service; uniquely qualified to meet the growing educational needs of this state and nation.

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April 6, 1973 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Neil Hall--Renovation

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$441, 668. 00	\$504, 632. 40	\$62, 964. 40

Changes in the original specifications were requested by the Using Agency to upgrade bathrooms. Also, during construction conditions were found, i. e., steel beams in walls necessitated the change of requested thru-the-wall air conditioners to window units in some locations.

Funds have been provided from Budget Account 801258 (Neil Hall Improvements).

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, President Enarson recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Dodd Hall--South Parking Lot Renovation

This project will consist of regrading and resurfacing the existing lot which will eliminate standing water and restore the deteriorated pavement. Lighting will be added for the safety of night-time users, and reseeded of the surrounding area will be accomplished.

Funds are budgeted in Budget Account 801280 (Parking Lot - Dodd Hall).

B. Agricultural Administration Building, School of
Natural Resources--Renovations

This project will convert two classrooms in the Agricultural Administration Building into an administrative suite for the School of Natural Resources administrative personnel.

April 6, 1973 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

B. Agricultural Administration Building, School of
Natural Resources--Renovations (continued)

Funds are budgeted in SB 457 (Utilities and Renovations).

Upon motion of Mr. Dunlap, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Southeast Ohio Area Extension Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 3-7-73)		
Coshocton Construction Co., Inc.		
(Coshocton, Ohio)		
Base bid	\$109,012.00	\$120,650.00
Alt. G-1 Coordination	+ 2,950.00	+ 5,000.00
Alt. G-2 Asphaltic concrete paving for drives and parking areas	+ 7,800.00	+ 13,000.00
Alt. G-4 Increased size of meeting room	+ 4,454.00	+ 8,400.00
Alt. G-6 Accordion partition for meet- ing room to suit Alt. G-4	+ 1,638.00	+ 1,850.00
Alt. G-8 Carpet	+ 1,491.00	+ 2,700.00
Alt. G-11 Ceramic tile	+ 2,170.00	+ 3,000.00
Alt. G-13 Accordion door for demon- stration area	+ 457.00	+ 500.00
Total Contract	<u>\$129,972.00</u>	<u>\$155,100.00</u>

April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Southeast Ohio Area Extension Center (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(6 bids received 2-14-73)		
The Kuempel Company (Columbus)		
Base bid	\$ 31,734.00*	\$ 25,660.00
Alt. P-1 Coordination by General Contractor	N/C	N/C
Alt. P-3 Temporary water supply tank	+ 3,383.00*	+ 1,000.00
Total Contract	<u>\$ 35,117.00*</u>	<u>\$ 26,660.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(4 bids received 2-14-73)		
Morrison, Inc. (Marietta, Ohio)		
Base bid	\$ 29,537.00	\$ 31,890.00
Alt. HVAC-1 Coordination by General Contractor	N/C	N/C
Alt. HVAC-3 Additional HVAC for increased size of meeting room	+ 635.00	+ 1,010.00
Total Contract	<u>\$ 30,172.00</u>	<u>\$ 32,900.00</u>
<u>Electrical Contract</u>		
(6 bids received 2-14-73)		
Northwest Electric Company (Marietta, Ohio)		
Base bid	\$ 25,450.00	\$ 29,300.00
Alt. E-1 Coordination by General Contractor	N/C	N/C
Alt. E-3 Additional electric work for increased size of meeting room	+ 1,320.00	+ 800.00
Alt. E-4 Parking lot lighting	+ 2,300.00	+ 1,500.00
Alt. E-5 Electric work for temporary water supply	+ 370.00	+ 150.00
Total Contract	<u>\$ 29,440.00</u>	<u>\$ 31,750.00</u>
Total All Contracts	<u>\$224,701.00</u>	<u>\$246,410.00</u>

Funds for this project have been provided from SB 457, Item 315-084 (Southeast Ohio Area Extension Center), and Budget Account 953081 (Cooperative Extension Rotary).

*Bids on Plumbing Contract were above the estimate of cost, but it is believed that better bids could not be obtained by readvertising.

April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Goss Laboratory, Law Building, Robinson
Laboratory--Interior Maintenance

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 3-16-73) The H. F. Mollenauer Company (Columbus)	\$ 28,422.00	\$ 39,000.00

Funds for this project have been provided from Budget Account 125064
(Contract Repair).

C. McCracken Power Plant--Electrical Utility Tie

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (2 bids received 3-20-73) Jess Howard Electric Company (Columbus)	\$132,447.00	\$147,000.00

Funds for this project have been provided from HB 988 (originally appropriated in SB 457, Utilities and Renovations).

D. Goss Laboratory--Partial Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 3-20-73) A. L. Meyer Construction Company (Columbus)		
Base bid	\$ 51,727.00	\$ 86,793.00
Alt. G-1 Furnish and assemble two constant temperature chambers	+ 20,375.00	+ 22,500.00
Total Contract	\$ 72,102.00	\$109,293.00

<u>Plumbing Contract</u> (3 bids received 3-20-73) Limbach Company (Columbus)		
Base bid	\$ 28,350.00	\$ 34,809.00
Alt. P-1 Furnish stainless steel sinks and spray disinfecting device and furnish and assemble in place Laboratory Casework	+ 22,500.00	+ 17,048.00
Total Contract	\$ 50,850.00	\$ 51,857.00

April 6, 1973 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Goss Laboratory--Partial Remodeling (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u> <u>Conditioning Contract</u> (6 bids received 3-20-73)		
Limbach Company (Columbus)		
Base bid	\$ 95,400.00	\$176,368.00
Alt. H-1 Remove existing heat ex- changer and relative material	+ 3,560.00	+ 3,000.00
Total Contract	\$ 98,960.00	\$179,368.00
<u>Electrical Contract</u> (9 bids received 3-20-73)		
Pence Electric Company (Columbus)	\$ 52,131.00	\$ 85,547.00
Total All Contracts	\$274,043.00	\$426,065.00

Funds for this project have been provided in Budget Account 801293
(Goss Laboratory--Partial Remodeling) and Federal Grant 1C06-CA-
13569-01.

Upon motion of Mr. Dunlap, seconded by Mrs. James, the above awards of
contracts and expenditures of funds were approved and the action of the
Acting Vice President for Administrative Operations was ratified by unanimous
roll call vote.

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VIII. REPORT ON CONTROLLING BOARD ACTIONS PERTAINING
TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 17 Approves the release of \$218,000.00 from SB 457, Item 315-074 "Utilities
and Renovations," for planning for the following projects: Electrical Trunk
Lines; Hagerty Hall Air Conditioning; Derby Hall Renovation; Sisson Hall
Air Conditioning; Arps Hall Air Conditioning; Physical Education Building
Improvements; Evans Laboratory Ventilation; Hayes Hall Fire Safety Im-
provements; Law Library; College of Education Library; School of Natural
Resources Administrative Offices; Campbell Hall Office Remodeling;
Mershon Auditorium (Music Studios); Vivian Hall Laboratory Remodeling;
Department of Psychology Space.
- 18 Approves the purchase of a house and lot at 285 Croswell Road, City of
Columbus, Franklin County, Ohio, which will be utilized as the home
for the President. Source of funds for this purchase were provided from
the General University Funds (Unrestricted Gifts).

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April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM

President Enarson read the following letter of appreciation which he received from Mrs. Harald Nielsen:

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Mr. Harold L. Enarson, President
The Ohio State University
190 North Oval Drive
Columbus, Ohio 43210

Dear President Enarson,

Thank you for your gracious letter of February the second, and the Trustees resolution concerning the life and work of my husband, Harald Herborg Nielsen. All members of our family appreciate the recognition of the Administration of The Ohio State University in recording my husband's long career in its permanent record.

In his forty-one years of service to the students and faculty of the University, my husband experienced the finest aspects of academic life - the mutual cooperation of all elements of the campus community, from the newest freshman to the highest administrative officers. The initiation of the International Symposium for Molecular Spectroscopy, as well as innovative research in our laboratories, were made possible with the support of the University and its confidence in his entire program.

The truly great university is the one which fosters and encourages new ideas. We, who are now left with precious memories, rejoice in the knowledge that Harald's work and that of his colleagues and students continues and flourishes here at Ohio State and in many other scientific groups.

Sincerely,

(Signed) Martha Nielsen

Martha Nielsen

March 26, 1973

April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

President Enarson reported to the Board the deaths of Elbert O. Bolender, Associate Professor Emeritus in the Department of Agricultural Education; Dale V. Gilliland, Professor Emeritus in the College of The Arts; and Elmore O. Williams, County Extension Agent Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Elbert O. Bolender

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 11, 1973, of Elbert O. Bolender, Associate Professor Emeritus in the Department of Agricultural Education.

Professor Bolender was born on December 20, 1891, in Brown County and was graduated from Felicity High School and from The Ohio State University with a Bachelor of Science in Agriculture degree in 1916 and a Master's degree in 1930. He began teaching in 1917 at Felicity High School. From 1918 to 1922 he taught vocational agriculture at Ashley, Ohio, and from 1922 to 1934 was a member of the non-resident staff in agricultural education at the University in charge of student teaching training center at Hilliard High School. In 1934 he was appointed Assistant State Supervisor of Vocational Agriculture and a member of the resident staff in agricultural education at Ohio State, a position he held until his retirement in 1965.

Professor Bolender was recognized as a competent and dedicated teacher. He was a proponent of personalizing instruction, basing his teaching upon the interests and problems arising from the occupational experience programs of students. Mr. Bolender collaborated in developing a record book for high school students and was recognized nationwide for his expertise in developing student and teacher competence in accounting, emphasizing analysis and application. As a supervisor he was a tireless worker, devoting hours in conference with the teachers in his districts to help them develop their competencies. Teachers who had Mr. Bolender as a supervisor attest to his sincerity and in the contributions that he made toward their professional improvement. For many years Mr. Bolender was in charge of the annual judging contests in vocational agriculture held on the campus involving 3,000 students.

Mr. Bolender was not only a dedicated member of the teacher education and supervisory staff and a competent teacher of vocational agriculture but was also a distinguished member of the community as well. He was active in church and community affairs. He gave freely to the development of the community in which he lived. Those who knew Mr. Bolender were inspired by his indomitable spirit, his profound dedication, and the integrity and breadth of understanding of his work. These personal qualities and the articulate manner in which he voiced his views and concerns brought honor to vocational education and to The Ohio State University.

April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Elbert O. Bolender (continued)

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Dale V. Gilliland

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 1, 1973, of Dale V. Gilliland, Professor Emeritus in the College of The Arts.

Dr. Gilliland joined the faculty of The Ohio State University in 1935 and has served as a professor of voice, director of the Men's and Women's Glee Clubs, director of the University Chorus and Madrigal Singers, and for 27 years was chairman of the voice section in the School of Music. He served as president of the National Association of Teachers of Singing from 1958 to 1960, and was in frequent demand throughout the country as a lecturer and clinician in vocal pedagogy.

Dr. Gilliland was very active as well in the local community serving as director of the Scottish Rite Choir, the Hilltop Chorus, and the North Community Lutheran Church choir.

Dr. Gilliland received his formal education at Ohio Northern University, New York University, Michigan State University, and the Royal College of Music in London. He was awarded the degrees Bachelor of Arts, Bachelor of Science, Master of Arts, and the honorary degree Doctor of Music.

Dr. Gilliland's many contributions to The Ohio State University and to the profession will be missed by his many former students, colleagues, and friends.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Elmore O. Williams

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 22, 1973, of Elmore O. Williams, County Extension Agent Emeritus in the Cooperative Extension Service.

April 6, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Elmore O. Williams (continued)

Mr. Williams was born June 1, 1892, in Mt. Victory, Ohio, and graduated from high school there in 1908. He received the Bachelor of Science degree in Agriculture from The Ohio State University in 1913. A Certificate in Law was received from Toledo University in 1932. He passed the Ohio State Bar examination in 1935. Additional education was completed at both The Ohio State University and the United States Department of Agriculture graduate schools.

Prior to joining the faculty of The Ohio State University on May 1, 1924, Mr. Williams was engaged in farming for 10 years and employed as a Farm Bureau Cooperative manager for seven months.

Mr. Williams was a dedicated and highly respected leader in Lucas County and among his faculty peers in and beyond Ohio. He served as President of the Ohio Cooperative Extension Agents Association in 1934 and 1935. He also was elected President of the National Association of County Agricultural Agents and served effectively in that capacity in 1955. He was devoted to improvement including professional improvement of the Extension faculty and economic improvement for the farmer and farm allied business.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Williams its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to Mrs. Williams as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

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X. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman, Chairman of the Retirement and Insurance Committee, made two recommendations on behalf of the Committee:

(1) Benefit Improvements in Health Insurance for University Employees

That the current John Hancock Mutual Life, Major Medical and Surgical Contract covering eligible University employees be amended effective 12:01 a.m., April 2, 1973, to include:

Treatment by legally qualified psychologists for nervous and mental conditions for which the participant or his eligible dependent is not hospital confined; only the first \$500 of such charges

April 6, 1973 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

(1) Benefit Improvements in Health Insurance for University Employees (continued)

and 50 per cent of the remainder of such charges in excess of \$500 are considered covered medical expenses.

Upon motion of Mr. Gushman, seconded by Mrs. James, the foregoing recommendation was approved by unanimous roll call vote.

(2) Student Health Insurance Contract

That Mutual of Omaha be awarded the Student Health Insurance contract, effective the first day of classes Autumn Quarter 1973, for a period of one year. (While this contract is for one year, the premium rates are guaranteed for a two-year period.)

The contract will provide additional benefits to those presently available under the terms of the current student health insurance contract. This coverage will be available on an optional basis to all students registered at this University with the following premium schedule:

<u>Classification</u>	<u>Quarterly Premium Rates</u>
Student	\$14
Student and Spouse	31
Student, Spouse and All Children	51
Student and Dependent Child or Children	33

This Student Health Insurance contract has been recommended by the Subcommittee on Student Insurance of the Council on Student Affairs, endorsed by the Council on Student Affairs, approved by the consultant on student insurance and the Office of the Vice President for Student Affairs.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

April 6, 1973 meeting, Board of Trustees

X. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated April 5, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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XI. REGIONAL CAMPUSES OF THE OHIO STATE UNIVERSITY

Mr. John T. Mount, Vice President for Regional Campuses, made a brief statement outlining the history of the Regional Campuses and at the conclusion of his remarks introduced the distinguished visitors in attendance at the meeting. He then called upon Dr. James B. Heck, Director of the Mansfield Campus, who made a slide presentation on the Mansfield Campus.

Mr. Richard Stander, Chairman of the Advisory Committee to the Mansfield Campus, welcomed the Board of Trustees and represented the Advisory Committees of all four Regional Campuses in expressing the desire that these Campuses continue their association with The Ohio State University.

Following this presentation, President Enarson made the following statement:

In direct response to a document recently developed by the Office of the Ohio Board of Regents entitled, 'A Policy Statement on the Formation of State General and Technical Colleges,' dated February 9, 1973, the Citizens Advisory Committees of each of Ohio State University's four Regional Campuses have adopted resolutions in direct support of a continuing association with this University.

The President then recommended adoption of the following resolution:

WHEREAS, this University's Regional Campuses at Lima, Mansfield, Marion, and Newark were established at the request of the individual communities, and

WHEREAS, through the Advisory Committees of each of these Regional Campus communities, support was provided for campus site acquisition, scholarship and loan programs, and other special needs associated with these programs, and

WHEREAS, a broad range of two-year academic programs, a baccalaureate degree program in elementary education, and adult and continuing education programs have been made available which are fully commensurate in quality with the equivalent programs on this University's Columbus Campus, and

WHEREAS, the academic offerings of each of these Regional Campuses have been reviewed and fully accredited by the North Central Association of Colleges and Secondary Schools during this past year, and

April 6, 1973 meeting, Board of Trustees

XI. REGIONAL CAMPUSES OF THE OHIO STATE UNIVERSITY (continued)

Resolution (continued)

WHEREAS, the Citizens Advisory Committee of each of these Regional Campuses has by resolution strongly supported the existing Regional Campus concept and reaffirmed their desire to continue in direct association with this University.

RESOLVED: First, that the Board of Trustees of The Ohio State University reaffirms its commitment to develop the strongest possible academic programs at each of its Regional Campuses in full cooperation with the Citizens Advisory Committees, and

RESOLVED: Secondly, that the Board of Trustees of The Ohio State University expresses its sincere gratitude to the citizens of these Regional Campus communities for their continuing support of this University's academic programs in these communities that have provided educational opportunity to over 35,000 persons, and

RESOLVED: Thirdly, that a copy of this resolution be forwarded to the Ohio Board of Regents.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the Board of Trustees adopted the above resolution by unanimous voice vote.

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Thereupon the Board adjourned to meet Monday, May 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p. m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 7, 1973

The Board of Trustees met at its regular monthly meeting on Monday, May 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Patricia D. James.

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Minutes of the last meeting were approved.

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ELECTION OF OFFICERS

The Chairman, Mr. Eckley, convened the meeting of the Board of Trustees of The Ohio State University first for the purpose of electing officers for the ensuing year.

The Chairman then recognized Mr. Shocknessy and he made the following statement:

Mr. Chairman: Last year when I was completing my term as Chairman of this Board of Trustees I enunciated for the benefit of anybody who was not already aware of it that it has been the custom of this Board for a number of years for the member who was serving the senior term to be Chairman for that year. Accordingly, I suggested that the present Chairman be nominated to succeed me in the term which I was completing, which I had really served out of order because a member who had had only one year to serve when he was appointed chose not to serve as Chairman for that year. Now because I have had a year as Chairman and because the office of Chairman of this Board is not in fact a 'bed of roses' for a member whose home is in Columbus, I came here today intending to decline to serve as Chairman in this the senior year of my term. When I complete this year of service, I shall have completed the first nine-year term that anyone has served on this Board. Others have served longer than nine years but no one has served a nine-year term. Mr. Ketterer served eight under the new statute and I am the first to serve nine, or will have served nine if I serve this year. It has seemed to some of us that it might be in the best interest of the University, as I hope it was in the best interest of the present Chairman, to have on the Board during his tenure someone who has served as Chairman of the Board. Mr. Eckley has from time to time thanked me for service I was able to render him by virtue of experience which I have had as Chairman of the Board and which I hope was beneficial to him. Now it, as I say, has seemed to some of us that it might be a good plan for the future for the Chairman of the Board to serve in his penultimate year and have as a member of the Board someone who has served as Chairman of the Board. I do not have to make a secret of what I say, Mr. Hilliker will be serving his penultimate year beginning on the 14th of May and on the basis of what we have been thinking, the person serving his penultimate year would be Chairman and have with him for the year of his Chairmanship his immediate predecessor as a member of the Board. We suggest that Mr. Hilliker be Chairman of this Board in this coming year even though our plan cannot come to full fruition because Mr. Eckley will not likely be on the Board, Mr. Eckley is eligible for reappointment because he has served only four years, if the Governor would choose to appoint Mr. Eckley who was first appointed by Governor Rhodes and served for only four years there is no reason why Mr. Eckley might not serve a full term. In that event the plan that we have in mind could come to full fruition because Mr. Eckley would be serving as a former Chairman in an administration of Mr. Hilliker who also was appointed by Governor Rhodes as I was and as were seven members of this Board. But regardless of whether or not Mr. Eckley will be on the Board another

May 7, 1973 meeting, Board of Trustees

ELECTION OF OFFICERS (continued)

Mr. Shocknessy's statement (continued)

year to advise and help Mr. Hilliker, as former Chairman, if I stay on, which I have no real present intention of not doing, I shall be here as a former Chairman and I shall do what I can to assist Mr. Hilliker in his term as Chairman and as you would do Mr. Eckley were you to continue. I would certainly hope that the Governor would choose to reappoint as a member of this Board a man so distinguished.

I think with that preliminary statement I would do well not to serve as Chairman, having already served one year and if I did not do it this way at this time since if we tried to effectuate the plan that I have outlined next year someone would be deprived of serving as Chairman, and now I will not suffer that deprivation dubious as that deprivation may be, and I nominate as Chairman of this Board my dear, long-time, beloved friend, Mr. Don Hilliker, whom I am sure will be a great Chairman and fortunately will be supported in the office, not only by me but by his very great wife whom I admire even more than I have ever admired Mr. Hilliker with all due respect to Mr. Hilliker. So I congratulate you on being available for this noble assignment. I also congratulate you on your taste in women because you chose a good gal when you chose your wife. And if you don't have Mr. Eckley to help you, you might have me from time to time.

I have said everything I have said so that there can be no misinterpretation of what I am doing. Further, there are no political implications in what I am doing. I have served as Chairman and I am satisfied with the honor that I have had in so serving, dubious as we may be about the desirability of doing so. I hope I have made it clear, that in nominating Mr. Hilliker there cannot be any implication that the administration of Governor Gilligan has in any respect intervened in any way because Mr. Hilliker was not appointed by Governor Gilligan and Mr. Hilliker is not being nominated by me because he was appointed by Governor Rhodes either. Mr. Hilliker is nominated because we are undertaking something in the nature of an experiment, an experiment which could only be accomplished at this time and accommodate all the incidents that we have in mind. So done, I have nominated you, Don, provided you and Margaret stay together for the full term of your Chairmanship. Mr. Safford is the next man up and Mr. Safford is certainly distinguished in every respect and well provided to succeed you in due course. I also nominate Dr. Edward Q. Moulton for the worst job of all, Secretary of this Board, and Mr. Ernest Leggett as Treasurer. I would like to have the whole Board second.

Each member of the Board seconded the motion which was approved by unanimous roll call vote, Mr. Hilliker abstaining.

May 7, 1973 meeting, Board of Trustees

ELECTION OF OFFICERS (continued)

Following the election, Mr. Hilliker requested and was granted permission to speak. He said that since Mr. Shocknessy had brought up his wife on several occasions, he would say that she is quite a gal with great patience having lived with him for thirty-two years. He said "I suppose it would be proper for me to say that I am grateful and I do appreciate the honor [of being elected Chairman of the Board], but I will have to admit to you that I would be lying a little bit because I am not that grateful. I can only tell you this--this is a fine Board. There isn't any question about it. I will do my best." He further indicated that he would be calling on Mr. Eckley and Mr. Shocknessy for assistance and then directed the following comment to Mr. Shocknessy ". . . I want to look you right in the eye and tell you that you have forgotten more about this job than I will ever know. So you can be assured that I am going to be calling on you to help me sit on the hot seat and you had better be available."

- o -

TRIBUTE TO MR. ECKLEY

Mr. Hilliker gave tribute to Mr. Eckley for his knowledge, expertise, and devotion to this University and to its Board of Trustees. He expressed the belief that the Board was in outstanding hands and under great leadership and he hoped that his tenure as Chairman would be just half as good.

President Enarson then presented Mr. Eckley with a citation signed by the President of the University and the Secretary of the Board of Trustees. The President expressed his appreciation to Mr. Eckley for his assistance during the first eight months of his tenure as President of The Ohio State University.

Mr. Eckley responded by reiterating what Mr. Hilliker had said--that this is a good Board operating for a good University with a good administration. Mr. Eckley continued

I have thoroughly enjoyed my tenure this year as Chairman of this Board and I am very happy to have done it. I might also add, Mr. Hilliker, I am very happy to have it over with, too. I do want to thank the Board and the Administration of the University for all the help and assistance given me. We have all worked well together to get this job done for the University and I think we have had a modicum of success in this endeavor. I particularly want to thank Jim Shocknessy for the assistance he has been to me. As Don has said, this guy knows more about this University and the Administration of this University than the balance of the Board put together and I am deeply appreciative of the fact that he has been here to help us and guide us. I also would like to make a comment about the plan proposed. I think it is going to be helpful to the University in the future to have a man sitting on the Board who has been Chairman. I hope this plan works. Thanks for the kind words and for the certificate. I sincerely appreciate it.

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The Board of Trustees recessed and the Board of Control convened.

In recognition of duty well performed upon
completion of distinguished service to the University
as a dedicated member of the Board of Trustees
and a faithful custodian of our educational heritage

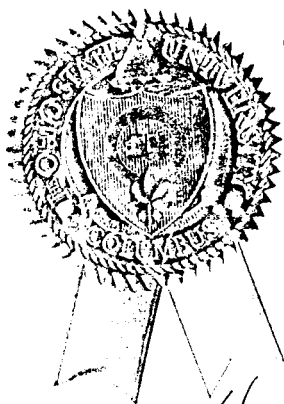
The Ohio State University

conveys its deep appreciation

and good wishes to

Frederick R. Eckley

a loyal alumnus of the University



In grateful acknowledgement this certificate is
presented at The Ohio State University on the
seventh day of May in the year of our Lord
nineteen hundred and seventy-three and of the
University the one hundred and fourth.

Harold L. Smith
President

Lawrence H. ...
Secretary

May 7, 1973 meeting, Board of Trustees

The Board of Trustees reconvened following the recess.

President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of a Professorship of Hebrew in the College of Humanities

The United Jewish Fund and Council of Columbus, Ohio, has committed support in the amount of \$20,000 a year beginning Autumn Quarter 1973 for an initial period of five years to establish a designated Professorship of Hebrew in the College of Humanities at The Ohio State University. At some future date this Professorship of Hebrew may be named as an appropriate memorial or honor. This support will give new impetus as well as add a new dimension of quality to one of the Nation's leading programs of Jewish Studies.

President Enarson recommended that the Board of Trustees approve the establishment of a designated Professorship of Hebrew.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Honorary Degrees

Upon the recommendation of the Committee on Honorary Degrees, the University Senate at a meeting on April 24, 1973, approved and recommended to the Board of Trustees the following four persons for the honorary degrees as indicated.

Leon N. Cooper	Doctor of Science
Elizabeth Duncan Koontz	Doctor of Humane Letters
Arthur E. Morgan	Doctor of Humane Letters
George Sinclair	Doctor of Science

President Enarson recommended that these honorary degrees be conferred at a mutually convenient commencement or academic occasion.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Residence Halls Room and Board Rates

President Enarson presented the following statement and recommendations:

I am pleased to report that room and board rates for Undergraduate Residence Halls, as well as the rental rates for Married Student Housing and Neil Hall Apartments for this coming year will remain at this current year's level.

I. GENERAL RECOMMENDATIONS (continued)

C. Residence Halls Room and Board Rates (continued)

President Enarson (continued)

In reviewing the charges for the Post-Baccalaureate student housing, an increase in the rates within this area is essential. At the same time to meet the increased demand for Post-Baccalaureate housing we will convert space presently assigned to undergraduates to Post-Baccalaureate units. It is expected that this trend will continue as the undergraduate enrollment stabilizes.

President Enarson recommended that the following schedule of rates for residence services, with the effective dates as indicated, be adopted:

<u>Effective Summer Quarter, 1973</u>	<u>Current Rate</u>	<u>Recommended Rate</u>
Jones Graduate Tower		
Single Room	\$210 per quarter	\$231 per quarter
Double Room (each occupant)	180 per quarter	198 per quarter
Morrison Tower		
Single Room	--	210 per quarter
Double Room (each occupant)	--	180 per quarter

It was recommended further that the University administration be authorized to establish rates for other resident services in general conformity with the above schedule of rates.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved by unanimous roll call vote the foregoing recommendations.

D. Quarterly Review of Current Funds Budget

The status of the Current Funds Budget for the quarter ended March 31, 1973, has not changed significantly from the quarterly report presented to and approved by the Board of Trustees as of December 31, 1972. The major factor which necessitates modification in the annual budget, the subsidy and fee support based upon the actual Autumn Quarter enrollment, was incorporated in the December report. No further adjustments are required at this time.

President Enarson recommended that the foregoing report be approved.

Upon motion of Dr. Sirak, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES

Personnel changes since the April 6, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Kenneth W. Sloan, Executive Director, The Ohio State University Research Foundation, effective September 1, 1973, at a salary of \$31,008.00 per annum (twelve-month appointment).

Stuart H. Loory, Visiting Professor (Kiplinger Chair), School of Journalism, effective July 1, 1973, at a salary of \$25,968.00 per annum (twelve-month appointment).

Thomas E. Powers, Professor and Chairman, Department of Veterinary Physiology and Pharmacology, effective immediately, at a salary of \$27,048.00 per annum (twelve-month appointment).

B. Leaves of Absence Without Salary

Merton L. Dillon, Professor, Department of History, effective October 1, 1973 through September 30, 1974, to accept a Senior Fellowship from the National Endowment for the Humanities.

Wolfgang Krieger, Professor, Department of Mathematics, effective April 1, 1973 through June 30, 1973, to work at the University of Gottingen, Gottingen, West Germany.

Earl F. Murphy, Professor, College of Law, effective October 1, 1973 through September 30, 1974, to work full time for the Ohio Environmental Board of Review.

Thomas M. Ostrom, Professor, Department of Psychology, effective October 1, 1973 through September 30, 1974, to become a Visiting Professor of Psychology at the University of Bergen in Bergen, Norway.

Alan Schwarz, Professor, College of Law, effective October 1, 1973 through September 30, 1974, to accept a one-year appointment at Rutgers, The State University, School of Law.

H. Yuan Tien, Professor, Department of Sociology, effective July 1, 1973 through September 30, 1973, to teach and do research in the Department of Sociology at the University of Hong Kong.

May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Michael L. Benedict, Assistant Professor, Department of History, effective October 1, 1973 through September 30, 1974, to accept a fellowship award to the Institute of Advanced Study.

Ronald W. Hart, Assistant Professor, Department of Radiology, effective April 1, 1973 through September 30, 1973, to work on a project at Oak Ridge National Laboratories.

Leonhard A. Miller, Assistant Professor, Department of Mathematics, effective April 1, 1973 through June 30, 1973, to continue work at the University of Gottingen, Gottingen, West Germany.

Dian Bower, Instructor, Cooperative Extension Service, effective April 1, 1973 through June 30, 1973, to work on her Master's degree.

Inez M. Freeman, Instructor, Newark Regional Campus, effective April 1, 1973 through December 31, 1973, to accept a fellowship with the National Endowment for the Humanities, Washington, D. C.

Myron H. Warner, Instructor, Cooperative Extension Service, effective April 1, 1973 through June 30, 1973, to fulfill a plant analysis consultancy mission to Malaysia.

C. Emeritus Titles

Ronald B. Thompson, Office of Educational Services, with the title Executive Dean Emeritus, effective July 1, 1973.

Lucile B. Alexander, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Henry J. Barre, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1973.

E. Milton Boone, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1973.

Helen A. Cameron, Department of Economics, with the title Professor Emeritus, effective July 1, 1973.

John F. Cuber, Department of Sociology, with the title Professor Emeritus, effective September 1, 1973.

May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Alfred B. Devereaux, Department of Engineering Graphics, with the title Professor Emeritus, effective July 1, 1973.

Helene Heye, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Clifford L. James, Department of Economics, with the title Professor Emeritus, effective July 1, 1973.

Emmett H. Karrer, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1973.

Charles J. Koenig, Department of Ceramic Engineering, with the title Professor Emeritus, effective July 1, 1973.

Frederick W. Maguire, School of Journalism, with the title Professor Emeritus, effective July 1, 1973.

Salvatore M. Marco, Department of Mechanical Engineering, with the title Professor Emeritus, effective July 1, 1973.

Raymond F. Sletto, Department of Sociology, with the title Professor Emeritus, effective September 1, 1973.

Maude A. Stewart, Department of Psychology, with the title Professor Emeritus, effective September 1, 1973.

Alma F. Tapscott, School of Home Economics, with the title Professor Emeritus, effective July 1, 1973.

Inez Ray Wells, Academic Faculty of Vocational-Technical Education, with the title Professor Emeritus, effective July 1, 1973.

Willard H. Wolf, Department of Agricultural Engineering, with the title Professor Emeritus, effective July 1, 1973.

Ralph J. Woodin, Department of Agricultural Education, with the title Professor Emeritus, effective July 1, 1973.

Herbert G. Mote, College of Optometry, with the title Associate Professor Emeritus, effective July 1, 1973.

Emmanuel Varandyan, Department of English, with the title Associate Professor Emeritus, effective July 1, 1973.

May 7, 1973 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Titles (continued)

Catharine M. Williams, Academic Faculty of Curriculum and Foundations, with the title Associate Professor Emeritus, effective July 1, 1973.

Leona S. Markel, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective July 1, 1973.

Anne E. Penrod, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective April 1, 1973.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson made the following statement concerning "Trends in Research Activity"

The research contracts and grants reported today include an impressive number of projects ranging in subject from cancer investigations to educational materials for training programs concerning air pollution. Not apparent from this single monthly summary of sponsored research, however, is a changing pattern in the type and size of research programs awarded on this campus.

An analysis of recent funding shows that the programs are tending progressively to become larger and to cut across departmental lines. To date this fiscal year, the contract average for 265 projects funded by outside agencies is \$50,561. The current month's average is close to that figure--nearly \$49,000. At this time last year, the average was \$39,891, and two years ago, lower still at \$33,803.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

President Enarson's statement (continued)

This may well indicate that the 'one-man, one-grant' concept of research funding is declining in favor of the larger, multidisciplinary concept. Also, most research now tends to be oriented toward specific problems. We see additionally that outside funds for research equipment purchases have diminished in recent years.

It may be too early to assess the real impact of this trend. Yet we are clearly in a period of transition in our sponsored research--a period that could result in difficulties for some faculty, since certain aspects of the change appear to bear upon the basic matter of the personal style of doing research.

Fortunately Ohio State as a comprehensive institution is in a strong position to respond to the changes we think we see on the horizon. The wide array of research talent and facilities available here provide opportunities for the interdepartmental cooperation and pooling of resources that can attract the larger programs.

The Research Foundation staff has been an asset in this effort. Earlier in this meeting there was action on the appointment of Dr. Sloan as executive director of the Foundation. His credentials are, I believe, outstanding, and he is well versed in all aspects of university research and sponsor relations. The Foundation also has others on its development staff who can provide valuable assistance in making the approaches and helping in the adjustments that the new conditions may require.

Moreover, the technical facilities that the Research Foundation has at its disposal likewise can be of considerable aid. For example, a computerized program known as Proposal Award Information Retrieval System (PAIRS) developed the information just presented on trends in research projects. PAIRS is still in the pilot stage, but it gives promise of becoming an important tool for analyzing and forecasting the directions of research as well as providing many other kinds of information throughout this entire area.

In the 36 years since its creation, the projects administered through the Research Foundation have grown in annual dollar volume to nearly \$18 million. In the past year nearly 700 students were directly involved as researchers in 733 Foundation projects.

I am personally confident that the expertise and achievement of the University faculty, plus the increasing capabilities of the Research Foundation, can be a winning combination in future research activity at Ohio State.

May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

President Enarson recommended that the following report of contracts and grants negotiated and monies received since the April 6, 1973 meeting of the Board be accepted.

S U M M A R Y

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	20	\$ 651,098.21
The Ohio State University Research Foundation	45	2,194,603.00
The Engineering Experiment Station	2	42,533.00
The Ohio State University Development Fund	1,095	430,861.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

A. Office of Finance and Treasurer

1. Contracts and Grants

- a. \$97,096.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Psychiatry - Basic Residency - Training Grant, under the direction of the Department of Psychiatry, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH08458-10)
- b. \$87,276.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Preventive Medicine Curriculum Augmentation, under the direction of the Department of Preventive Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D04 AH01113-08)
- c. \$66,654.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Psychology - Training Grant, under the direction of the Department of Psychology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 MH05061-27)
- d. \$54,378.21 granted by Department of Transportation, National Highway Traffic Safety Administration, Office of Contracts and Procurement, Washington, D. C., to the University for Revision and Update of Traffic Safety Manpower Training Program Development Guide, under the direction of the Center for Vocational and Technical Education. (Contract No. DOT-HS-115-3-647)
- e. \$51,474.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50413-02)
- f. \$50,503.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Family Centered Practicum - Developmental Disabilities, under the direction of the Nisonger Center, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D12 AH00135-03)
- g. \$43,965.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Hospital and Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50407-02)

May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- h. \$38,073.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50402-02)
- i. \$30,712.00 granted by National Endowment for the Humanities, Washington, D. C., to the University for support of summer seminar project entitled "Tragic and Comic Forms in the Novel," under the direction of the Department of English, for the period March 1, 1973 through September 30, 1973. (Grant No. FS-9386-73-246)
- j. \$24,700.00 granted by Ohio Department of Mental Health and Mental Retardation, Division of Mental Retardation and Developmental Disabilities, Office of Developmental Disabilities, Columbus, Ohio, to the University for A Continued Development of the Advocacy Model, under the direction of the Nisonger Center. This grant is made under P.L. 91-517.
- k. \$22,160.00 granted by National Science Foundation, Washington, D. C., to the University for Undergraduate Research Participation, under the direction of the College of Pharmacy. This grant will expire on May 31, 1974. (Grant GY-10651, Proposal No. 3/2672)
- l. \$21,061.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Communications Division - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D12 AH00340-03)
- m. \$18,621.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Special Improvements - Medical Records Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 D01 AH50410-02)
- n. \$16,000.00 granted by National Science Foundation, Washington, D. C., to the University for Undergraduate Research Participation, under the direction of the Department of Chemistry. This grant will expire on May 31, 1974. (Grant GY-10630, Proposal No. 3/2415)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts and Grants (continued)

- o. \$11,878.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Hospital - Health Services Administration - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 A04 AH00022-05)
- p. \$9,010.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Teaching in Coordinated Undergraduate Dietetic Education, under the direction of the School of Allied Medical Professions, for the period June 11, 1973 through June 22, 1973. (Grant No. 1 A13 AH00104-01)
- q. \$3,994.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Allied Health Advanced Traineeship/Occupational Therapy - Training Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 A02 AH00204-02)
- r. \$2,193.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Electropharmacological Control of Cardiac Function - Development Award - Research Career Program, under the direction of the Department of Pharmacology, for the period October 1, 1972 through June 30, 1973. (Grant No. 3 K03 HL11929-09S1)
- s. \$750.00 granted by State of Ohio, Department of Economic and Community Development, Columbus, Ohio, to the University for recruiting students for work-study programs, under the direction of the Department of Black Studies, for the period January 1, 1973 through March 30, 1973.
- t. \$600.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Chromosome: Regulation, Organization and Function - Development Award - Research Career Program, under the direction of the Department of Microbiology, for the period January 1, 1973 through December 31, 1973. (Grant No. 1 K04 GM70300-01)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation

The Ohio State University Research Foundation entered into the following research contracts and grants during the period March 1, 1973 through March 31, 1973.

1. Federal Research Contracts

- a. Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Acquisition, Analysis, and Compilation of Instructional Materials for Training Programs Concerning Air Pollution (to be known as Project No. 2228 - Mod. #13 - Academic Faculty of Science and Mathematics Education).
Gross Value - \$156,630.00.
- b. U. S. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems (to be known as Project No. 2589-E - Mod. #3 - Department of Chemistry).
Gross Value - \$47,197.00.
- c. Department of Navy, Office of Naval Research, Arlington, Virginia, Alloy Corrosion (to be known as Project No. 3003-A1 - Mod. #4 - Department of Metallurgical Engineering).
Gross Value - \$32,000.00.
- d. Department of Air Force, 4950th Test Wing (Technical), Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Stress Corrosion Cracking of Titanium and Titanium Base Alloys in Aqueous and Gaseous Media (to be known as Project No. 3418-A1 - Mod. #P00002 - Department of Metallurgical Engineering).
Gross Value - \$21,000.00.
- e. Department of Air Force, 4950th Test Wing (Technical), Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, RCS Reduction Studies (to be known as Project No. 3622-A1 - New - Department of Electrical Engineering, ElectroScience Laboratory).
Gross Value - \$70,000.00.
- f. Department of Health, Education, and Welfare, Office of the Secretary, Washington, D. C., Planning, Conducting, and Reporting Upon a Conference Concerned with the Legal Rights of Retarded Citizens (to be known as Project No. 3630-A1 - New - College of Law).
Gross Value - \$112,000.00.
- g. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Isoplanatic Patch Size Measurements at 10.6 Microns (to be known as Project No. 3638-A1 - New - Department of Electrical Engineering, ElectroScience Laboratory).
Gross Value - \$74,917.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts (continued)

- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Office of the Director, Bethesda, Maryland, Development and Presentation of an Instructional Course Entitled Program Officials Guide to Contracting (to be known as Project No. 3647-A1 - New - College of Administrative Science, Division of Continuing Education).
Gross Value - \$12,754.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Therapy of Patients with Bronchogenic Carcinoma (to be known as Project No. 3648-A1 - New - Department of Surgery).
Gross Value - \$123,200.00.

TOTAL - Federal Research Contracts \$649,698.00

2. State Research Contract

- a. Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, A Designed Treatment Program of Sociopathy by Means of Drugs - Part II (to be known as Project No. 3631-A1 - New - College of Administrative Science, Division of Public Administration and Department of Psychiatry).
Gross Value - \$32,305.00.

3. Industrial and Other Research Contracts

- a. Union Carbide Corporation, Oak Ridge, Tennessee, Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials (to be known as Project No. 2918-B - Ltr. Dtd. 2/8/73 - Department of Welding Engineering).
Gross Value - \$10,000.00.
- b. General Electric Company, Cincinnati, Ohio, Test Program for NASA Choked Inlet .229 Scale Model (to be known as Project No. 3602-A1 - Amend. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$1,200.00.
- c. Rockwell International, Columbus, Ohio, Studies of Thrust Augmentation Systems (to be known as Project No. 3625-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$10,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

3. Industrial and Other Research Contracts (continued)

- d. Bolt, Beranek & Newman, Inc., Cambridge, Massachusetts, Development, Preparation, and Delivery of Instructional Materials for Patient Education Systems (to be known as Project No. 3632-A1 - New - College of Medicine).
Gross Value - \$6,000.00.
- e. Rockwell International Corporation, Tulsa, Oklahoma, Measurement of High Power Breakdown Strength of Resonant Arrays (to be known as Project No. 3635-A1 - New - Department of Electrical Engineering, ElectroScience Laboratory).
Gross Value - \$2,000.00.
- f. University of Pittsburgh, Pittsburgh, Pennsylvania, Study of Treatment of Primary Breast Cancer (to be known as Project No. 3639-A1 - New - Department of Surgery).
Gross Value - \$7,000.00.
- g. World Health Organization, Human Reproduction Unit, Geneva, Switzerland, Systemic Effects of Copper Intra-Uterine Devices (to be known as Project No. 3640-A1 - New - Department of Obstetrics and Gynecology).
Gross Value - \$10,000.00.

TOTAL - Industrial and Other Contracts \$46,200.00

4. Federal Research Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Group (to be known as Project No. 1094-M - Ext. #13 - Department of Medicine).
Gross Value - \$55,029.00.
- b. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria (to be known as Project No. 2012-H - Ext. #8 - Department of Physiological Chemistry).
Gross Value - \$35,025.00.

May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- c. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Mod. #7 - Department of Geodetic Science). Gross Value - \$17,500.00.
- d. Department of Air Force, Office of Scientific Research, Arlington, Virginia, Information Processing for Target Detection and Identification (to be known as Project No. 2768 - Mod. #AFOSR-69-1710G - Department of Electrical Engineering, ElectroScience Laboratory). Gross Value - \$60,000.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A4 - Ext. #4 - College of Veterinary Medicine). Gross Value - \$16,068.00.
- f. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A3 - Ext. #2 - Department of Surgery). Gross Value - \$27,846.00.
- g. National Science Foundation, Washington, D. C., Mechanized Information Center (to be known as Project No. 3182-A1 - Amend. #3 - University Libraries). Gross Value - \$341,300.00.
- h. Department of Air Force, Office of Scientific Research, Arlington, Virginia, Automatic Pictorial Pattern Recognition Techniques for Use in Multi-Sensor Environments (to be known as Project No. 3183-A1 - Mod. #AFOSR-71-3048D - Department of Electrical Engineering). Gross Value - \$70,000.00.
- i. Department of Health, Education, and Welfare, National Institute of Education, Washington, D. C., Designing New Patterns for Training Research, Development, Demonstration/Dissemination and Evaluation Personnel in Education (to be known as Project No. 3185-A1 - Rev. #4 - Academic Faculty of Educational Development). Gross Value - \$153,126.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- j. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Extrarenal Renin and Intrarenal Blood Flow (to be known as Project No. 3209-A3 - Ext. #2 - Department of Medicine).
Gross Value - \$29,225.00.
- k. National Science Foundation, Washington, D. C., Combinatorial Designs and Related Structures (to be known as Project No. 3228-A1 - Amend. #2 - Department of Mathematics).
Gross Value - \$5,700.00.
- l. National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures (to be known as Project No. 3370-A1 - Amend. #1 - Department of Physics).
Gross Value - \$85,900.00.
- m. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Effect of Periodontopathies on Periodontal Mechanics (to be known as Project No. 3392-A2 - Ext. #1 - Department of Physiology).
Gross Value - \$7,500.00.
- n. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Modification of Cellular Immunity to Neoplasta in Man (to be known as Project No. 3399-A2 - Ext. #1 - Department of Medicine).
Gross Value - \$31,299.00.
- o. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Biomechanical Analysis of Tooth Supportive Structures (to be known as Project No. 3404-A2 - Ext. #1 - Department of Physiology).
Gross Value - \$11,149.00.
- p. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biochemical Mechanisms in Cardiac Hypertrophy (to be known as Project No. 3405-A2 - Ext. #1 - Departments of Pathology and Medicine).
Gross Value - \$62,323.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- q. National Science Foundation, Washington, D. C., Operator Ergodic Theory (to be known as Project No. 3447-A1 - Amend. #1 - Department of Mathematics).
Gross Value - \$20,000.00.
- r. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Dynamics of O₂ and CO₂ Regulation (to be known as Project No. 3464-A2 - Ext. #1 - Department of Physiology).
Gross Value - \$29,991.00.
- s. Department of Air Force, Office of Scientific Research, Arlington, Virginia, Ignition, Combustion, Detonation, and Quenching of Subsonic and Supersonic Flowing Reactive Mixtures (to be known as Project No. 3641-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$39,919.00.
- t. National Science Foundation, Washington, D. C., Building Environmental Control Systems for Energy Conservation (to be known as Project No. 3642-A1 - New - Department of Mechanical Engineering).
Gross Value - \$155,700.00.
- u. National Science Foundation, Washington, D. C., Relationship of Membrane States to Growth Performance in Plant Tissues (to be known as Project No. 3643-A1 - New - Department of Botany).
Gross Value - \$24,500.00.
- v. National Science Foundation, Washington, D. C., Workshop on Scientific International Relations Research (to be known as Project No. 3645-A1 - New - Department of Political Science).
Gross Value - \$15,100.00.
- w. National Science Foundation, Washington, D. C., Inverse Theorems for Regularly Varying Sequences and Functions and Its Application to Nuclear Physics (to be known as Project No. 3646-A1 - New - Department of Mathematics).
Gross Value - \$3,900.00.
- x. National Science Foundation, Washington, D. C., Research Initiation - Optimization of the Visual Vocoder for Speech Therapy (to be known as Project No. 3650-A1 - New - Department of Electrical Engineering).
Gross Value - \$17,000.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation (continued)

4. Federal Research Grants (continued)

- y. National Science Foundation, Washington, D. C., A Cytotaxonomic Investigation of Subtribe Lagasceinae (Compositae, Heliantheae) (to be known as Project No. 3651-A1 - New - Department of Botany). Gross Value - \$11,400.00.
- z. National Science Foundation, Washington, D. C., Research Initiation - Respiratory Impedance Evaluation (to be known as Project No. 3652-A1 - New - Department of Electrical Engineering). Gross Value - \$17,000.00.
- aa. National Science Foundation, Washington, D. C., Equipment Grant: Fourier Transform Nuclear Magnetic Resonance Spectrometer (to be known as Project No. 3654-A1 - New - Department of Chemistry). Gross Value - \$120,900.00.

TOTAL - Federal Research Grants \$1,464,400.00

5. Industrial and Other Grant

- a. Columbus Foundation, Columbus, Ohio, Conference on Visual and Performing Arts in Higher Education (to be known as Project No. 3644-A1 - New - Division of Art). Gross Value - \$2,000.00.

C. Engineering Experiment Station

The Engineering Experiment Station of The Ohio State University entered into the following research contracts during the period March 1, 1973 through April 1, 1973.

1. Government Research Contract

EES 328X Use of Driver Display and Control Aids to Stabilize and
Ext. #5 Improve Traffic Flow, Ohio Department of Transportation,
Columbus, Ohio.
Gross Value - \$4,400.00.

2. Industrial Research Contract

EES 439X Coupled Heat and Mass Transfer Processes, NABISCO,
Inc., New York, New York.
Gross Value - \$38,133.00.

May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund

1. Report for July 1, 1972 through March 31, 1973

	Number of Donors	Amount of Gifts	Grand Total
General Solicitation	20,859		\$ 481,624.00
Major Resources Group			
Major Individual Gifts	561	\$2,139,474.00	
Corporate Gifts	375	960,341.00	
Foundation and Non- profit Organiza- tion Gifts	337	1,126,457.00	
			<hr/>
Total			4,226,272.00
Grand Total	22,132		<u>\$4,707,896.00</u>

2. Gifts of \$5,000 or More

- a. \$100,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Chair in Public Affairs in the School of Journalism.
- b. \$43,714.11 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
- c. \$35,000.00 from the Bremer Foundation, Youngstown, Ohio, for the College of Medicine.
- d. \$25,000.00 from Grand Aerie Fraternal Order of Eagles, Columbus, Ohio, for heart research in the College of Medicine.
- e. \$16,000.00 from the Foundation for Endowment of a Chair at Ohio State University, Inc., New York, New York, for the Meshulam Riklis Chair in Business.
- f. \$13,687.50 from an anonymous donor for cancer research.
- g. \$11,375.00 from CIBA-GEIGY, Summit, New Jersey, for research in the College of Medicine.
- h. \$10,000.00 from Mildred Dee Benham Estate, Cleveland, Ohio, for research in the College of Veterinary Medicine.
- i. \$10,000.00 from Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, to support the Lamme Power Systems Laboratory.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- j. \$9,500.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
- k. \$6,937.55 from Searle Diagnostic, Inc., Columbus, Ohio, for cancer research.
- l. \$6,180.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
- m. \$6,000.00 from the Upjohn Company, Kalamazoo, Michigan, for research in the College of Medicine.
- n. \$5,800.00 from Babcock and Wilcox Company, Alliance, Ohio, to provide a fellowship for full-time graduate students in the Department of Metallurgical Engineering.
- o. \$5,432.00 from Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
- p. \$5,204.25 from Mr. and Mrs. Cyrus H. Sedgwick, Columbus, Ohio, to support the thesis fund in Child Development in memory of their daughter.
- q. \$5,000.00 from Noba, Inc., Tiffin, Ohio, for its research fund in the Department of Dairy Science.
- r. \$5,000.00 from Ohio Florists Association, Columbus, Ohio, for its fellowship fund in the Department of Horticulture.

3. Establishment of Named Fund

- a. \$2,500.00 from the family of Donald Jay Brandt for the establishment of The Donald Jay Brandt Memorial Scholarship Fund.

The Donald Jay Brandt Memorial Scholarship Fund

The Donald Jay Brandt Memorial Scholarship Fund was established May 7, 1973, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the family of the late Donald Jay Brandt, B. A. '72, in his memory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

May 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

D. The Ohio State University Development Fund (continued)

3. Establishment of Named Fund (continued)

a. The Donald Jay Brandt Memorial Scholarship Fund (continued)

The annual income is to be used to provide one or more scholarships for undergraduate students in the Humanities who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the University Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships.

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IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported.

A. Stillman Hall Improvements

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$69,630.00	\$86,591.74	\$16,961.74

Additional work was required by the Division of Workshop and Factories, State of Ohio, to enclose the stairwells to comply with the Ohio Building Code.

Funds have been provided from Budget Account 801260, HB 531, and HB 988.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, the President recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Substation "C"--Underground Cables and Equipment

This project will replace obsolete equipment and provide adequate capacity for future requirements. The 4.16 KV electrical equipment serving the South Campus area is 30 years old, obsolete, and inadequate for the present day electrical requirements.

Funds are budgeted in SB 457 (Utilities and Renovations) and HB 988 (Electrical System Expansion).

B. Joseph Sullivant Hall, Remodeling

The Ohio Historical Society Museum, now known as Joseph Sullivant Hall, is to be remodeled to accommodate the Museum of Zoology, Department of Dance, Undergraduate Library, Music Library, Fine Arts Library, and a Fine Arts Gallery.

Funds are budgeted in Budget Account 801095 (Undergraduate Library), HB 828, Item 315-061 (Board of Regents).

C. Polo Field--Parking Lot Renovation

The existing parking lot is to be expanded by 37 to 40 cars to help meet the increasing needs of the area. The entire lot will then be drained and surfaced to make a good all-weather parking facility.

Funds are budgeted in Budget Account 801281 (Polo Field Parking Lot).

D. Tennis Courts--Repairs and Restoration

This project includes pavement removal and replacement, base repairs, drainage repairs, necessary net repairs, sealing surface with non-tracking sealers and paint striping of courts. The program will restore the surface to tournament standards.

Funds are budgeted in Budget Account 125064 (Contract Repair).

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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May 7, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Hopkins Hall, Hughes Hall--Exterior Masonry Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (3 bids received 3-5-73)		
Coatings Application and Waterproofing Company (St. Louis, Mo.)	\$ 52,600.00	\$ 57,720.00

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

B. Elevator Repairs--Haskett Hall, McCracken Power Plant,
McPherson Laboratory

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 4-19-73)		
Waller & Lund, Inc. (Columbus)	\$114,460.00	\$126,000.00

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VII. REPORT OF CONTROLLING BOARD ACTIONS PERTAINING
TO THE OHIO STATE UNIVERSITY

Each numbered request shown below accomplished the following purpose:

- 19 Approves the release of \$230,000 for the awards of contracts on the project "Southeast Ohio Area Extension Center." Funds are available in HB 988, Item 315-084.
- 20 Approves the release of \$135,000 for the award of the contract on the project "McCracken Power Plant, Electric Utility Tie." Funds are available in HB 988, Item 315-074 (Utilities and Renovations).

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VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Purchase of Property

President Enarson recommended that the following resolution be adopted:

WHEREAS, upon application by this University, the Board of Regents and the Controlling Board of the State of Ohio approved the purchase of residential property located at 285 Croswell Road, Columbus, Ohio, with title to be taken in the name of the Board of Trustees of The Ohio State University, and

WHEREAS, by earlier action of this Board authorization was given for title to be taken in the name of the State of Ohio, and

WHEREAS, because of the desirability to have the title of this property held directly by the Board of Trustees of this University,

NOW THEREFORE, BE IT RESOLVED that the Secretary of this Board be authorized upon entering into a contract for the purchase of the above realty to take title in the name of the Board of Trustees of The Ohio State University.

Upon motion of Mr. Shocknessy, seconded by Mrs. James, the Board of Trustees adopted the above resolution by unanimous roll call vote.

Mr. Shocknessy requested that since the Committee appointed to acquire a residence for the President has completed its work that it be discharged.

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IX. RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of Theodore N. Beckman, Professor Emeritus in the College of Administrative Science - Faculty of Marketing; Carl R. Bibbee, County Extension Agent Emeritus in the Cooperative Extension Service; Forest W. Dean, Extension Forester Emeritus in the Cooperative Extension Service; Adolf Haas, Clinical Associate Professor in the Department of Psychiatry; George F. Henning, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology; and Thomas C. Holy, Director Emeritus of the Bureau of Educational Research in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Theodore N. Beckman

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 20, 1973, of Theodore N. Beckman, Professor Emeritus in the College of Administrative Science - Faculty of Marketing.

Dr. Beckman was born in Russia on September 3, 1895. He attended The Ohio State University and received the baccalaureate degree in Business

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Theodore N. Beckman (continued)

Administration in 1922 and the doctorate in 1924. He advanced as a faculty member at the University from Assistant Professor in 1924 to Professor in 1932 and was designated Professor Emeritus in 1966.

Recognized as an authority in all aspects of marketing, Dr. Beckman was continuously active as a professional consultant for government and business enterprise. He was in charge of the first Wholesale Census of Distribution of the Bureau of the Census in 1929-32 and advised such organizations as the U. S. Department of Commerce, the Florida Attorney General's Office, the U. S. Department of Labor, the U. S. National Defense, the War Production Board, and the Ohio Attorney General's Office.

Dr. Beckman's expertise and dedication were recognized at various stages throughout his career. He received the Paul D. Converse Award as Marketing Man of the Year in 1959, the Distinguished Teaching Award of The Ohio State University in 1962, and the Centennial Achievement Award of the University. In 1971, he was named Man of the Year for Men's O.R.T. Dr. Beckman achieved international recognition as one of the only two recipients of the Golden Mercury Award of the Netherlands Association of Marketing in 1971.

Dr. Beckman's career was distinguished by active involvement in many educational, professional and public service organizations including the American Economics Association, the American Association of University Professors, the American Marketing Association, the American Statistical Association, the National Institute of Credit Men, The Distribution Research and Education Foundation, the Newcomen Society, the Cosmos Club of Washington, D. C., the Board of Hillel Foundation, the Board of Trustees of the Columbus Symphony, the Advisory Board of United Jewish Fund and Council, the Board of Directors of the Development Fund of The Ohio State University, and the Presidents Club of the University. In addition, Dr. Beckman was a member of several honorary academic fraternities.

Throughout the world Dr. Beckman was known for his pioneering work in wholesaling and his special contributions to such innovative marketing areas as value-added productivity, efficiency, input-output analysis and anti-trust matters. As the author and co-author of more than two dozen books, Dr. Beckman's interest and knowledge in the field of marketing will be long remembered. In every aspect of Dr. Beckman's career, his special ability to teach was profoundly evident. He exemplified to the fullest a combination of dedicated teacher and adviser, knowledgeable consultant and associate, and valued friend.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Carl R. Bibbee

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 29, 1973, of Carl R. Bibbee, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Bibbee was born November 9, 1897, in Walker, West Virginia. He was graduated from Parkersburg, West Virginia, high school in 1915. The Bachelor of Science in Agriculture degree was received from West Virginia University in 1921. Additional education towards a Master of Science degree was undertaken at Cornell University in 1938.

Prior to joining the faculty of The Ohio State University on February 1, 1924, Mr. Bibbee was employed as County Agricultural Agent in Cabell County, West Virginia, from August 1, 1921 to January 31, 1924. For the first eleven years of employment in Hamilton County his responsibilities were for the 4-H club program. In 1935 he was named County Agricultural Agent - the position which he held until retirement December 31, 1957.

Mr. Bibbee was a dedicated and highly respected leader in Hamilton County as well as among his peers within and beyond the State of Ohio. He served as President of the Ohio Cooperative Extension Agents Association in 1943. His service also included directorship of the Ohio Association and the National County Agricultural Agents Association. As recognition of his outstanding accomplishments he was awarded the Certificate for Distinguished Service by the National County Agricultural Agents Association. He will long be remembered for his outstanding contribution as an educational leader in Hamilton County.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Bibbee its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered Mrs. Bibbee as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

C. Forest W. Dean

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 9, 1973, of Forest W. Dean, Extension Forester Emeritus in the Cooperative Extension Service.

Mr. Dean was born December 14, 1893, at Homer, Ohio, where he was graduated from high school in 1912. He received a Bachelor of Science in Forestry degree from The Ohio State University in 1916. Graduate work in Botany, Entomology, and Ecology was interrupted at The Ohio State University for a 19-month tour of duty with the U. S. Army Engineers in France. His knowledge and interest in forestry were utilized in his role of cutting and supplying timber needs for the U. S. Army during World War I. He served

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Forest W. Dean (continued)

as an Assistant Forester in the Department of Forestry at the Ohio Agricultural Research and Development Center from 1919 to 1926 and was the Extension Forester at The Ohio State University from 1926 to 1958.

Mr. Dean was a highly respected and dedicated educator in his subject area. He was the author of several popular publications of interest to Ohio farmers and foresters. The booklet "Ohio Trees" was an excellent reference on Ohio tree identification and use. Although written in the late 1930's it is still looked upon as a valuable reference by those who are fortunate enough to have a copy available for use. He was a senior member of the Society of American Foresters and had served as chairman of the Central State Foresters.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Dean its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered Mrs. Dean as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

D. Adolf Haas

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 18, 1973, of Adolf Haas, Clinical Associate Professor in the Department of Psychiatry.

Dr. Haas was born in Poland on April 25, 1921, and came to the United States in 1951. He received the academic degree of physician by State Board in the State of Hesse Republic of Western Germany in 1950, and degree of Doctor of Medicine in 1951, achieved by dissertation in Experimental Pharmacology.

Dr. Haas interned at Mount Sinai Hospital, Chicago, from 1951 to 1952, and from 1952 to 1955 was resident in Psychiatry and Staff Psychiatrist at Elgin State Hospital, Elgin, Illinois. He had a further year of residency in Psychiatry at Ypsilanti State Hospital, Michigan, and was Board Certified by the American Board of Psychiatry and Neurology in 1959.

In 1960 he joined the faculty of The Ohio State University College of Medicine Department of Psychiatry as Assistant Professor and from 1962 to 1964 was Director of the Out-Patient Division. He was promoted to Clinical Associate Professor in the Department of Psychiatry in 1970, and also held positions in The Ohio State University Departments of Anthropology and Physical Medicine from 1964 to the time of his death.

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. Adolf Haas (continued)

Dr. Haas served in the United States military forces from 1955 to 1957. He was very active in community work and served on many committees and organizations including: Governor's Ad Hoc Committee for White House Conference on Aging; Chairman, Mental Health Association of Franklin County; Committee on Community Mental Health Centers; member and then Chairman of the Medical Advisory Committee of the Planned Parenthood Board.

Dr. Haas was a member of the Franklin County Academy of Medicine and served on the Socio-Economic Committee; member of the American Psychiatric Association; American Geriatrics Society; American Medical Society (State and local chapters); American Society of Gerontology; and Central Ohio Neuropsychiatric Society. He was the author of a dozen publications.

At the time of his death he was engaged full time in private practice of psychiatry; held staff appointments at The Ohio State University Hospitals, Mount Carmel Hospital, and Harding Hospital; and taught students in several disciplines--nursing, physical medicine, psychiatry.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

E. George F. Henning

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 21, 1973, of George F. Henning, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Born in Defiance County, Ohio, in 1896, Professor Henning received three degrees from The Ohio State University; the Bachelor of Science in Agriculture in 1920, Master of Science in 1925, and Doctor of Philosophy in 1933. After completing his Bachelor's degree he was County Extension Agent in Mercer County from 1920 to 1924. He joined the Ohio Agricultural Research and Development Center part time in 1924 as an Assistant Professor while doing graduate work. As a part of his Ph.D. studies he held a social science fellowship at the University of California, Berkeley, in 1929-1930. In 1931, while maintaining his appointment with OARDC, he was appointed Assistant Professor on the faculty of The Ohio State University. Throughout his career he retained a research and teaching appointment half time with the University and half time with OARDC. He was promoted to Associate Professor in 1934 and to Professor in 1938. He retired from OSU and OARDC on January 31, 1966, but actively pursued his professional interests for several years thereafter.

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

E. George F. Henning (continued)

Professor Henning was a veteran of World War I. He was a member of Alpha Zeta, professional agricultural fraternity, and Gamma Sigma Delta, agricultural honorary. He was a member of the American Agricultural Economics Association and the American Marketing Association, and served as President of the Central Ohio Chapter of the latter organization. In 1952 he received an award of recognition from the Producers Livestock Association for his pioneer work in the development of our present national system for marketing and merchandising livestock and meat products. In 1960 he served as a member of an International Cooperation Administration study team reporting to the Government of Turkey on a developmental program for agricultural marketing and agricultural credit.

During his long career his contributions in research and teaching were instrumental to the growth of the Department of Agricultural Economics and Rural Sociology. He taught courses in agricultural marketing, agricultural cooperatives, and agricultural business management. His years of research in agricultural marketing were the basis for dozens of technical publications and numerous articles in trade papers and farm magazines. His many undergraduate and graduate students are today established members of the business and professional agricultural community throughout the world.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

F. Thomas Celestine Holy

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 19, 1973, of Thomas Celestine Holy, Director Emeritus of the Bureau of Educational Research, in the College of Education.

Dr. Holy was born in Vandalia, Iowa, on October 21, 1887. He received the Bachelor of Arts degree from Des Moines University in 1919, after six years of service as a rural school teacher and superintendent of schools in Iowa and after service in the U. S. Army in World War I. He earned the Master of Arts degree in 1922 and the Doctor of Philosophy degree in 1924, both from the State University of Iowa.

After two years of service as Director of Housing and Equipment in the St. Louis public schools, Dr. Holy joined the faculty of The Ohio State University in 1927 as Head of the Survey Division of the Bureau of Educational Research in the College of Education. In 1942 he became Director of the Bureau of Educational Research, in which position he served until his retirement in 1951.

May 7, 1973 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

F. Thomas Celestine Holy (continued)

During his 24 years of service in the Bureau of Educational Research, Dr. Holy directed or participated in hundreds of surveys and studies of education in some 20 states. He served as president of the American Educational Research Association and of the National Council on School-house Construction (now called the Council of Educational Facility Planners). For seven years he served as chairman of the commission responsible for the planning and building of state residential schools for the blind and the deaf in Columbus. He taught in summer sessions at the following universities: Arkansas, California (Berkeley), Columbia, Cornell, Idaho, and Minnesota.

Following his retirement in 1951, Dr. Holy continued his professional contributions by serving for twelve years as a special consultant in the development of a statewide plan for higher education in California and in developing a long-range plan for the City University of New York.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORTS

A. Report on the University's Investment Portfolio

The report dated May 4, 1973, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

B. Remarks by President Enarson

President Enarson informed the members of the Board

- (1) that the budget requests are presently before the appropriate Senate Committee and that the university presidents would be testifying next week; and
- (2) that he had received a communication from the American Association of University Professors placing the University on censure for the Board's action relating to David E. Green.

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May 7, 1973 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, June 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 2:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Frederick R. Eckley
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND EIGHTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 7, 1973

The Board of Trustees met at its regular monthly meeting on Thursday, June 7, 1973, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Don M. Hilliker, Chairman, James W. Shocknessy, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, Patricia D. James, and Chester Devenow.

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Minutes of the last meeting were approved.

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The Chairman convened the meeting of the Board of Trustees.

The Chairman, Mr. Hilliker, introduced the new member of the Board of Trustees of The Ohio State University:

Chester Devenow, who was appointed by Governor John J. Gilligan to succeed Mr. Frederick R. Eckley, for the term beginning May 14, 1973 and ending May 13, 1982.

REPORT BY CHAIRMAN

Mr. Hilliker made the following statement:

I would like to take a few moments to express my thoughts on how this Board hopefully can become more effective to this University. I think those of us who have served several years on the Board have at times had a feeling of inadequacy for several reasons: first, perhaps, because we are busy and don't have enough time to devote to some problems that affect the University (this is no reflection, Mr. President, upon you or upon past President Fawcett); I think there has at times been a lack of communication between the administration and the Board. And then I think perhaps there has been lack of sufficient background material in the hands of Board members in sufficient time for them to review the problems and come to some sound judgment. I do not feel that it is the job of this Board to 'run the University.' We have employed a very capable President who, in turn, has surrounded himself with outstanding administrators, deans, faculty, and I think this is his job. I want to assure you, Mr. President, that as far as this Chairman is concerned your job is in no jeopardy for the next 12 months. I do not plan to try to run the University. There are really two reasons for this: first, I don't have enough time and secondly, I don't know how. So I am very happy to have the 'monkey on your back' and I think that I see the Board as having the responsibility of helping the administration, faculty, student body, and alumni when it is practical. I see this Board as having the responsibility of formulating policy and in the final analysis of seeing that the policy is properly carried out. Final responsibility rests squarely with the nine members of this Board of Trustees and as President Truman so aptly put it, 'the buck stops here.' So I am not sidestepping any responsibility. I am trying to say that we must delegate authority and look to those people to carry out what we want done. I am going to suggest a means, hopefully, that will bring this Board of Trustees

June 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Hilliker's statement (continued)

into closer contact with the administration, faculty, students, and alumni and this comes after a lot of consultation with various Board members who have come to me.

I have asked the Secretary to do a rather in-depth study of what I call a committee-structured Board. I really have taken a leaf from Mr. Shocknessy's year of chairmanship which I think he so effectively bridged a gap when he created the committee which has been most ably chaired by Mr. Dunlap. This committee has been able to provide this Board with a better understanding of the problems associated with the research and development program at Wooster. I want to emphasize one thing--I want to make this crystal clear--these are only working committees and they in no way are to erode the authority of this Board to discharge its responsibility in public meetings. The committees are only to help us solve problems, and hopefully, not create any. I think the committees should have specific objectives and an agenda which is set forth to achieve these objectives within a specified time--in this case, one year. At that time, I will request each committee to submit a status and an outlook report. This committee should feel free to go to any part of this University for advice, for staff people, whatever they feel is needed to help solve some of the problems. In this connection, I want to ask the support of the student body, faculty, alumni, and administration.

This Board, the Chairman excepted, is a good Board. It is made up of highly talented, qualified people and they have one interest in mind--the betterment of one of the greatest universities in the country. I now will announce the names of the committees but not the personnel. Within the next two weeks each of you will receive an outline of the duties of these committees, and at that time, I will ask your preference as to what committees you would like to serve on--where you feel you can do the most good. I cannot promise you that, for example, you will all serve on the Finance Committee. However, I can assure you right now that the chairman of the Finance Committee is going to be Mr. Safford. We are fortunate to have him available along with Mr. Shocknessy, Dr. Sirak, and Mr. Dunlap and all of you. There is a tremendous amount of expertise on this Board and we want to take full advantage of it.

Committee Structure, 1973-1974

Finance Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to the University Budget; appropriation requests; fiscal operations; property acquisition and management; and business organization and practices.

June 7, 1973 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Hilliker's statement (continued)

Educational Affairs Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to faculty appointments, status and tenure; all curricula and instruction; admissions, student services including residential services, student organizations, financial aid and discipline; and athletics.

Insurance Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to insurance, risk management, retirement, and employee benefits.

Buildings and Grounds Committee is charged with the responsibility for reviewing all matters requiring attention or action of the Board relating to the planning, location, construction and maintenance of University facilities.

OARDC Agenda Review Committee is charged with the responsibility for reviewing all matters requiring the attention or action of the Board of Control so as to assure the close coordination of activities of the Center with those of the University.

That is the committee structure I proposed and at the next meeting I will announce the personnel involved. You have now just witnessed the first and last speech of this Chairman. I am a great believer in the philosophy of the past Chairman, Fred Eckley, 'keep it brief.'

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Mr. Hilliker recessed the meeting of the Board of Trustees and convened the meeting of the Board of Control.

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The Board of Trustees reconvened following the recess.

RESOLUTIONS IN MEMORIAM

President Enarson reported to the Board the deaths of J. Forest Craig, Assistant Professor Emeritus in the Department of English; Walter B. Emery, Professor in the Department of Speech Communication; and George W. Kreidler, County Extension Agent Emeritus in the Cooperative Extension Service. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

RESOLUTIONS IN MEMORIAM (continued)

A. J. Forest Craig

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 18, 1973, of J. Forest Craig, Assistant Professor Emeritus in the Department of English.

Professor Craig was born on February 10, 1881. He earned B.S. and B.A. degrees at the National Normal University and B.A. and M.A. degrees at The Ohio State University.

In 1913 he joined the faculty of the Department of English at The Ohio State University, where he taught until his retirement in 1951.

Professor Craig was a member of the Modern Language Association and the National Council of Teachers of English. His principal research was on the American novel before 1900.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Walter B. Emery

The Board of Trustees expresses its sorrow at the death on May 9, 1973, of Walter B. Emery, Professor in the Department of Speech Communication.

Dr. Emery, author of five books and numerous articles on broadcast regulation and international broadcasting, was a leading expert on the regulatory aspects of telecommunications. His works included *Broadcasting and Government: Responsibilities and Regulations* and *National and International Systems of Broadcasting*.

Before entering the teaching profession full time, Dr. Emery was an attorney with the Federal Communications Commission in Washington, D. C. and was Chief of the Renewals and Revocation Division of the F. C. C. from 1946 to 1952.

In 1968, Dr. Emery joined the Ohio State faculty as Professor of Speech Communication. While at Ohio State, he led an international study tour to Europe in 1971 to investigate broadcasting systems there. He also was Director of the Centennial Symposium on Global Broadcasting. This symposium brought leaders of some of the major broadcasting systems of the world to Columbus to discuss mutual problems.

Along with his scholarship, Dr. Emery was also an outstanding teacher of graduate and undergraduate students. He directed some 40 Master's theses and Doctoral dissertations through his productive career.

RESOLUTIONS IN MEMORIAM (continued)

B. Walter B. Emery (continued)

Prior to coming to Ohio State, Dr. Emery was a Professor of Radio and Television at Michigan State University from 1957 to 1968. He also taught at the University of Oklahoma, University of Wisconsin, University of Southern California, George Washington University, and most recently was a visiting Professor at the University of Massachusetts.

Dr. Emery received his Ph.D. degree from the University of Wisconsin, a J.D. from the University of Oklahoma, and a B.A. from Oklahoma Baptist College. Recently Dr. Emery was selected as an "Outstanding Alumnus" by Oklahoma Baptist College.

Dr. Emery was a member of the bar in Ohio, Oklahoma, the District of Columbia, Michigan, and the Federal Communications Commission.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. George W. Kreitler

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 2, 1973, of George W. Kreitler, County Extension Agent Emeritus in the Cooperative Extension Service.

Mr. Kreitler was born February 11, 1899, in Warren, Ohio. He attended both Lordstown and Warren High Schools, graduating in 1915 from Warren High School. A Bachelor of Science in Agriculture degree was received from The Ohio State University in 1920. Additional education with credit toward a Master of Science degree was secured from both The Ohio State University and Ohio University.

Mr. Kreitler joined the faculty of The Ohio State University as a County Extension Agent in Pike County on June 15, 1920. He left this position in September 1920 to engage in farming. He returned to Extension employment as a County Agricultural Agent in Meigs County on May 15, 1923. On November 1, 1937, he transferred to Licking County and retired from that position on June 30, 1959. From July 1, 1943 to December 1, 1945, Mr. Kreitler served in the U. S. Army attaining the rank of Major.

Mr. Kreitler was a dedicated and highly respected agricultural leader in Licking County. He was well known and respected among his peers on the Extension faculty. In 1932 and 1933 he served as President of the Ohio Cooperative Extension Agents Association. In recognition of his outstanding accomplishments he was awarded the Certificate of Distinguished Service by the National Association of County Agricultural Agents. He will long be remembered for his outstanding contributions to the agricultural industry.

June 7, 1973 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (continued)

C. George W. Kreitler (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Kreitler its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that copies be tendered to the daughters of Mr. Kreitler as sincere appreciation of the Board's realization of the loss which the family, the University, and his many friends and associates have sustained.

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INTRODUCTION OF PRESIDENT OF UNDERGRADUATE STUDENT GOVERNMENT

President Enarson introduced Dennis Sargent, President of the Undergraduate Student Government.

Mr. Sargent responded to Dr. Enarson's introduction and indicated that he was anxious for a good relationship with the Board of Trustees during the year.

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President Enarson presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

The University Senate on May 8, 1973, approved a revision of the present Rules for the University Faculty relating to Examinations and Marks. This revision in the Rules was studied for over one year by the Council on Academic Affairs and referred to the various colleges for suggestions and revision before being brought to the University Senate for consideration. Simply stated, this revision

. . . recognizes that examinations in various disciplines differ and accordingly eliminates the requirement that examinations must be "written," and assigns the responsibility for the nature of the final examination in each course to the instructor;

. . . relates the marks A, B, C, D, and E to student performance relative to stated course objectives;

. . . sets a specific time in each quarter when a final grade for I (Incomplete) is to be reported--the sixth Saturday of the quarter following the quarter in which the I was received;

I. GENERAL RECOMMENDATIONS (continued)

A. Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty (continued)

. . . allows freshmen to repeat 15 credit hours of courses in which the grade of D or E has been received with only the grades of the repeated course work counting in the accumulative point-hour average and credit hours toward graduation;

. . . allows students to withdraw from courses without record until the fourth Saturday of a quarter, with the mark W on record until the seventh Saturday of a quarter, and, only upon approval of petition, after the seventh Saturday of a quarter;

. . . clarifies the differences between withdrawal from courses and withdrawal from the University.

The full text of these revisions and modifications is attached. (See Appendix VIII, page 499.)

President Enarson recommended that the foregoing changes in the Rules for the University Faculty, as approved by the University Senate, be adopted by the Board of Trustees, effective Autumn Quarter 1973.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the above recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

B. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1970-71 has been received and reviewed by the appropriate officers of the University. The procedures which were noted as needing modification have been implemented in accordance with the suggestions of the Auditor of State.

President Enarson recommended that the Annual Report of the Auditor of State for the fiscal year 1970-71 be accepted and filed with the official documents of the University.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the above recommendation by unanimous voice vote.

I. GENERAL RECOMMENDATIONS (continued)

C. Degrees and Certificates Conferred--Spring Quarter Commencement

President Enarson recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 8, 1973, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the University Senate. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IX, page 511.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Budget for the 1973-74 Fiscal Year

President Enarson made the following statement and recommendation:

I am requesting authorization for a provisional budget for 1973-74 for this University, subject to a number of contingencies which might cause changes in both planned income and expenditures. While the Ohio General Assembly has not as yet passed an appropriation bill for higher education for the 1973-75 biennium or acted upon several bills which will affect pay ranges for our classified personnel, the continued operation of the University makes it necessary to propose University expenditure budgets for 1973-74 at this time. This budget which you have before you is balanced, with a minimal but adequate General Reserve of \$2,000,000, assuming the level of support as passed by the Ohio House of Representatives. It should be understood, however, that if there is a greater decline in enrollments than we have anticipated, or further cut-backs in federal support, or an unfavorable court decision on our residency requirement, or finally a substantial change in the appropriation bill which was passed by the Ohio House, adjustments will be required to both income and expenditures to achieve the intent of this expenditure plan. In any case, when we receive our State appropriation, I will resubmit for your consideration this University's budget for 1973-74.

CHARACTERISTICS OF 1973-74 FINANCIAL PLAN

Retrenchment

The most significant element of the 1973-74 budget is the required retrenchment to bring our expenditures in line with the anticipated level of state funding, student fee income, and rapidly increasing fixed costs. The retrenchment for the Columbus campus, summarized below, amounts to over 8 million dollars:

June 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

<u>Fiscal Category</u>	<u>Academic Units</u>	<u>Operations Units</u>	<u>Total</u>
Personnel Services	\$3,014,000	\$2,285,000	\$5,299,000
Operating	562,000	1,142,000	1,704,000
Equipment	244,000	155,000	399,000
All Other	<u>296,000</u>	<u>422,000</u>	<u>718,000</u>
Totals	\$4,116,000	\$4,004,000	\$8,120,000

The overall average decrease was 5.5% in the academic units and 8% in the operations areas. Similar retrenchment was carried out throughout all other units of the University. To achieve this retrenchment, it was necessary for our colleges, departments, and other operational units to reduce staff, primarily through attrition, reduce operating costs, and in a number of cases curtail programs and commitments. The freeze on hiring which we imposed earlier this year was of material assistance to us in achieving these reductions.

University Services budgets were reduced by an average of 8%. The Research Foundation Administration retrenched by 8%, by eliminating vacant positions, and reducing operating expense. Auxiliary operations budgets were reduced even though no State funds are involved in anticipation of pending fixed cost increases. We also found it necessary to reduce the support level of the student unions. If there is no upward modification in the support levels recently passed by the House of Representatives, retrenchment for the second year of the biennium will mean additional hardships, including loss of more full-time faculty. Though the faculty and staff at Ohio State have generally taken a positive and constructive attitude toward the adjustments incorporated in this budget, cuts of this magnitude continue to create many problems and pressures.

Enrollment

Along with other major state universities around the nation, enrollments at Ohio State have declined. On the Columbus campus, enrollment for fall 1972 was 45,866, down 600 students from our all-time high of the previous fall. Our best estimate for fall 1973 is 44,000 students, or a decline of 4% from 1972; and for fall 1974 the estimate is 43,000 students,

BUDGETS FOR THE 1973-74 FISCAL YEAR

	Estimated 1972-73	Budgeted 1973-74
Current General Unrestricted		
Columbus Campus		
Personnel Services	\$101,315,000	\$ 99,451,000
Operating and Equipment	23,049,000	21,414,000
All Other	<u>8,285,000</u>	<u>6,904,000</u>
Total Columbus Campus	<u>\$132,649,000</u>	<u>\$127,769,000</u>
Regional Campuses		
Administration	\$ 115,000	\$ 131,000
Lima Campus	1,388,000	1,387,000
Mansfield Campus	1,322,000	1,293,000
Marion Campus	905,000	842,000
Newark Campus	1,043,000	1,167,000
Agricultural Technical Institute	<u>339,000</u>	<u>669,000</u>
Total Regional Campuses	<u>\$ 5,112,000</u>	<u>\$ 5,489,000</u>
Departmental Earnings	\$ 4,866,000	\$ 5,323,000
University Services	2,154,000	2,133,000
Research Foundation Administration	<u>1,663,000</u>	<u>1,530,000</u>
Total Unrestricted	<u>\$146,444,000</u>	<u>\$142,244,000</u>
Current General Restricted		
Endowments	\$ 975,000	\$ 1,000,000
Mershon Funds (Restricted)	650,000	700,000
Federal Grants and Contracts	40,962,000	40,795,000
Ohio Grants and Contracts	2,130,000	2,200,000
Engineering Experiment Station	1,775,000	1,735,000
Development Fund Gifts	2,950,000	3,100,000
Other Private Gifts	1,784,000	1,834,000
Conference Accounts	<u>1,150,000</u>	<u>1,200,000</u>
Total Restricted	<u>\$ 52,376,000</u>	<u>\$ 52,564,000</u>
Current General Auxiliaries		
Cooperative Extension	\$ 11,413,000	\$ 11,856,000
University Hospitals	42,966,000	44,900,000
Student Housing	13,426,000	12,978,000
Intercollegiate Athletics	4,262,000	4,174,000
University Bookstores	3,050,000	2,547,000
Student Unions	1,795,000	1,838,000
Parking Facilities	1,400,000	1,481,000
Fawcett Center for Tomorrow	980,000	1,020,000
Facilities Services	2,132,000	1,959,000
Dairy and Meats Laboratories	2,035,000	2,076,000
University Airport	700,000	972,000
Other	<u>442,000</u>	<u>509,000</u>
Total Auxiliaries	<u>\$ 84,601,000</u>	<u>\$ 86,310,000</u>
Total Current General Funds	<u><u>\$283,421,000</u></u>	<u><u>\$281,118,000</u></u>

SOURCES OF INCOME FOR 1973-74 BUDGET

	Estimated 1972-73	Budgeted 1973-74
Current General Unrestricted		
Columbus Campus		
Instructional Subsidy	\$ 67,871,000	\$ 70,638,000
Student Fees	44,275,000	43,814,000
Carry Forward from 1971-72	4,449,000	-0-
Earnings Operations	5,507,000	4,718,000
Temporary Investments	1,700,000	1,700,000
All Other	3,882,000	1,616,000
Total Columbus Campus	<u>\$127,684,000</u>	<u>\$122,486,000</u>
Regional Campuses		
Lima Campus	\$ 1,615,000	\$ 1,576,000
Mansfield Campus	1,446,000	1,463,000
Marion Campus	997,000	954,000
Newark Campus	1,179,000	1,318,000
Agricultural Technical Institute	375,000	748,000
Total Regional Campuses	<u>\$ 5,612,000</u>	<u>\$ 6,059,000</u>
Departmental Earnings	\$ 5,552,000	\$ 5,419,000
University Services	1,896,000	2,144,000
Total Unrestricted	<u>\$140,744,000</u>	<u>\$136,108,000</u>
Current General Restricted		
Endowments	\$ 1,625,000	\$ 1,700,000
Federal Grants and Contracts	45,050,000	45,000,000
Ohio Grants and Contracts	2,130,000	2,200,000
Engineering Experiment Station	1,925,000	1,865,000
Development Fund	2,950,000	3,100,000
Other Private Gifts and Grants	1,800,000	1,850,000
Conference Accounts	1,150,000	1,200,000
Total Restricted	<u>\$ 56,630,000</u>	<u>\$ 56,915,000</u>
Current General Auxiliaries		
Cooperative Extension	\$ 11,420,000	\$ 11,856,000
University Hospitals	44,248,000	46,636,000
Student Housing	13,657,000	12,994,000
Intercollegiate Athletics	4,439,000	4,809,000
University Bookstores	3,100,000	2,630,000
Student Unions	1,351,000	1,439,000
Parking Facilities	1,478,000	1,480,000
Fawcett Center for Tomorrow	867,000	867,000
Facilities Services	2,133,000	1,974,000
Dairy and Meat Laboratories	2,020,000	1,926,000
University Airport	825,000	1,008,000
Other	509,000	476,000
Total Auxiliaries	<u>\$ 86,047,000</u>	<u>\$ 88,095,000</u>
Total Current General Funds	<u><u>\$283,421,000</u></u>	<u><u>\$281,118,000</u></u>

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

or a further decline of over 2%. We then expect enrollment to stabilize for the rest of the decade.

These enrollment decreases translate directly into an income decrease from our two major resources: state subsidy and student fees.

Increases

We are a heavily oriented "service" industry. Four of every five dollars are spent for salaries and wages. In the past five years, the average faculty income, after adjustment for inflation, has gone up exactly \$1 per year. Bluntly, the people who work for universities are not sharing in the growth of national real income.

Also, we are experiencing dramatic increases in our other costs:

- * Water rates were up 13% in 1972-73 and are expected to increase another 11% next year.
- * Natural gas rates were up 6% this year and will soar another 10% next year.
- * Blue Cross rates increased 15% this year (\$13.02 to \$15.06).
- * Unemployment compensation in addition to workmen's compensation became an obligation of the University as of January 1, 1972, by legislative mandate.

There are some increases in prospect that, while not definite, are likely.

- * Telephone rates are proposed to be increased 38%.
- * Minimum wage rates may increase as much as 38%, from the existing \$1.60 per hour to \$2.20 per hour.

Of great significance to this University is the State administration's proposal calling for mandated pay increase for classified employees, which while well deserved will cost this University an estimated 6 million dollars for the biennium.

June 7, 1973 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

The budget before you provides for selective salary increases of 4% for instructional and professional staff, the anticipated mandated increase for classified employees of 4.5% in addition to the normal step increases, no increases in the operating and equipment budgets to meet inflationary costs, coverage of the fixed cost increases, a retrenchment of over 8 million dollars, and no program improvements.

In summary, I want to emphasize several aspects of our budget for this coming year.

First, with the upward modification by the House in our anticipated appropriation, it is probable that there will be no student fee increase for this coming year. While some may question not asking students to share in the increasing costs of higher education, during the past decade the students' share has risen disproportionately (from 25% of the total support to the presently 35%) with an equivalent reduction in the percentage provided by the State. If the Senate concurs with the funding approach passed by the House, this trend will begin to be reversed.

Second, I had hoped that I would be able to present to you at this time, the general financial plan for the second year of the biennium. However, since we do not have an appropriations act, it would not be very meaningful to discuss our plans for the following year with all of the uncertainties of this coming year. Instead, when our biennial appropriation is known, I will present for your consideration the spending plan for both years of the biennium.

It is recommended then that the provisional budget for the fiscal year 1973-74 with supporting statements be approved and that the Secretary be instructed to incorporate these detailed statements and supporting documents by reference, including the salary rolls and inventory of fees and charges for the fiscal year 1973-74 and to file these materials with the official records of the University.

I. GENERAL RECOMMENDATIONS (continued)

D. Budget for the 1973-74 Fiscal Year (continued)

President Enarson's statement and recommendation (continued)

It is recommended also that the final summary statements be prepared for submission at a subsequent meeting of the Board of Trustees, reflecting the actual appropriation received from final action by the Ohio General Assembly including any additional recommendations necessitated by legislative action.

Upon motion of Mr. Safford, seconded by Mrs. James, the Board of Trustees approved the foregoing recommendations with eight affirmative votes and Mr. Shocknessy abstaining.

E. Establishment of the Stanton Youngberg
Professorship of Veterinary Medicine

Pursuant to the conditions set forth by the Board of Trustees for the establishment of an endowed professorship, President Enarson recommended that the Stanton Youngberg Professorship of Veterinary Medicine be established at The Ohio State University.

Dr. Stanton Youngberg was awarded the Doctor of Veterinary Medicine degree by The Ohio State University in 1907. In 1954, Dr. Youngberg became the first veterinarian to receive the honorary degree of Doctor of Science from The Ohio State University. Dr. Youngberg was an appreciated guardian of public health and an effectual humanitarian. He designated his Alma Mater as the provider of unbroken opportunity for usefulness to mankind.

Dr. Youngberg bequeathed \$279,000 to the University. The income provided from the endowment will be used to support the Stanton Youngberg Professorship and related programs.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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II. PERSONNEL ACTIONS

Personnel actions since the May 7, 1973 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments; Leaves of Absence Without Salary; Emeritus Titles; and Chairmen of Departments, Academic Faculties, and Divisions; and Directors of Schools:

II. PERSONNEL ACTIONS (continued)

A. Appointments

Joanne Wharton Murphy, University Ombudsman, effective September 1, 1973, at a salary of \$24,168.00 per annum (Twelve-month appointment).

Richard H. Armitage, Vice President for Student Affairs, Office of Student Affairs, effective September 1, 1973, at a salary of \$34,068.00 per annum.

Donald P. Anderson, Acting Dean of the College of Education, effective July 1, 1973, at a salary of \$29,928.00 per annum (Twelve-month appointment).

Robert L. Hamlin, Stanton Youngberg Professor of Veterinary Medicine, effective July 1, 1973, at a salary of \$28,128.00 per annum (Twelve-month appointment).

B. Leaves of Absence Without Salary

Robert H. Bremner, Professor, Department of History, effective January 1, 1974 through June 30, 1974, to accept a National Endowment for the Humanities grant.

Francille M. Firebaugh, Professor, School of Home Economics, effective July 1, 1973 through August 31, 1973, to continue with the review of research proposals and assist with home management and family economics programs with USDA - Cooperative State Research Service, Washington, D. C.

Ralph E. Franklin, Jr., Professor, Department of Agronomy, effective July 1, 1973 through August 31, 1973, to continue as soil research scientist with the Atomic Energy Commission, Washington, D. C.

Wolfgang Krieger, Professor, Department of Mathematics, effective July 1, 1973 through March 31, 1974, to continue work at the University of Gottingen, Gottingen, West Germany.

Harold H. Wolf, Professor, College of Pharmacy, effective October 1, 1973 through February 28, 1974, to accept a Fulbright appointment as U. S. lecturer and consultant in Malaysia.

William G. Lycan, Associate Professor, Department of Philosophy, effective January 1, 1974 through June 30, 1974, to accept a visiting professorship at Tufts University.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

B. Leaves of Absence Without Salary (continued)

Guido Mislin, Associate Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to continue work at ETH in Zurich, Switzerland.

Marshall William Swain, Associate Professor, Department of Philosophy, effective January 1, 1974 through March 31, 1974, to do research in Problems in Inductive Logic at Cambridge University in England.

Michael Lin, Assistant Professor, Department of Mathematics, effective October 1, 1973 through September 30, 1974, to work at Jerusalem University, Israel.

Alyce R. Polcyn, Assistant Professor, School of Nursing, effective July 1, 1973 through June 30, 1974, for personal reasons.

Michael James Zwettler, Assistant Professor, Department of Romance Languages, effective October 1, 1973 through March 31, 1974, to accept a National Endowment for the Humanities Fellowship.

Gunta E. Burt, Instructor, College of Pharmacy, effective May 1, 1973 through June 30, 1973, for personal reasons.

Kenneth A. Harkness, Instructor, Department of Agricultural Engineering, effective May 1, 1973 through June 30, 1973, to work on Ph.D. dissertation and to engage in a professional development program in food engineering by working with a commercial firm.

Thomas E. Hipple, Instructor, College of Pharmacy, effective April 1, 1973 through June 30, 1973, to work full time in Children's Hospital Pharmacy.

A. Richard Sentieri, Instructor, Mansfield Campus, effective October 1, 1973 through September 30, 1974, to complete work on his doctorate.

C. Emeritus Titles

James C. Babcock, Department of Romance Languages, with the title Professor Emeritus, effective May 1, 1973.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

C. Emeritus Titles (continued)

Jack O. Evans, School of Music, with the title Professor Emeritus, effective August 1, 1973.

Nellie F. Jennings, University Library, with the title Professor Emeritus, effective July 1, 1973.

John H. McDowell, Department of Theatre, with the title Professor Emeritus, effective September 1, 1973.

Dorothy Permar, College of Dentistry, with the title Professor Emeritus, effective July 1, 1973.

William H. Ewing, Department of Speech Communication, with the title Associate Professor Emeritus, effective July 1, 1973.

Norris E. Lenahan, Department of Anesthesiology, with the title Associate Professor Emeritus, effective July 1, 1973.

James W. Long, Department of Ophthalmology, with the title Assistant Professor Emeritus, effective July 1, 1973.

D. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools

Reappointment of the following persons to terms as Department Chairmen and Directors of Schools, (normally four years), effective as indicated:

July 1, 1973 through June 30, 1977

Agricultural Education	Ralph E. Bender
Agricultural Engineering	Gordon L. Nelson
Agronomy	Garth W. Volk**
Animal Science	George R. Johnson
Chemistry	Leon M. Dorfman
Dance	Helen P. Alkire*
Electrical Engineering	M. O. Thurston
Engineering Graphics	Clyde H. Kearns, Jr.*
Entomology	D. Lyle Goleman

*New appointment.

**Term July 1, 1973 through June 30, 1975.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

D. Chairmen of Departments, Academic Faculties,
and Divisions and Directors of Schools (continued)

July 1, 1973 through June 30, 1977 (continued)

German	Charles Hoffmann
Health, Physical Education and Recreation, School of	Lewis A. Hess
Industrial Design	Charles Wallschlaeger*
Medicine	James V. Warren
Microbiology	Robert M. Pfister
Physiological Chemistry	David G. Cornwell
Poultry Science	Edward C. Naber
Psychiatry	Ian W. Gregory
Veterinary Physiology and Pharmacology	Thomas E. Powers**
Zoology	Tony J. Peterle

October 1, 1973 through September 30, 1977

Black Studies	William E. Nelson, Jr.
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November 1, 1973 through October 31, 1977

Political Science	Randall B. Ripley
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January 1, 1974 through December 31, 1977

Economics	Jon S. Cunnyingham
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Reappointment of the following persons to three-year terms as Chairmen
of Academic Faculties, effective as indicated:

July 1, 1973 through June 30, 1976

Special Services	James Wigtil
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October 1, 1973 through September 30, 1976

Marketing	James F. Robeson*
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Reappointment of the following persons to one-year terms as Chairmen
of Divisions, effective as indicated:

July 1, 1973 through June 30, 1974

Administrative and Social Sciences (Pharmacy)	T. Donald Rucker*
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*New appointment

**Acting Chairman since December 1, 1972.

June 7, 1973 meeting, Board of Trustees

II. PERSONNEL ACTIONS (continued)

D. Chairmen of Departments, Academic Faculties,
and Divisions and Directors of Schools (continued)

July 1, 1973 through June 30, 1974 (continued)

Art	Francis Ruzicka
Clinical Pharmacy and and Professional Practice	Clifton J. Latiolais*
Comparative Literature and Languages	Wayne Lawson
Dental Hygiene	Nancy M. Reynolds
History of Art	Franklin Ludden
Medicinal Chemistry	Donald T. Witiak*
Pharmaceutics and Pharmaceutical Chemistry	Louis Malspeis*
Pharmacognosy and Natural Products Chemistry	Jack L. Beal*
Pharmacology (Pharmacy)	Harold Wolf**
Statistics	D. Ransom Whitney

October 1, 1973 through September 30, 1974

Art Education	Kenneth Marantz
Public Administration	Clinton V. Oster

Reappointment of the following person to a one-year term as Chairman of an Academic Faculty, effective July 1, 1973 through June 30, 1974:

Vocational-Technical Education	Robert Reese
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Appointment of the following person as Acting Chairman, effective October 1, 1973 through September 30, 1974:

Slavic Languages and Literatures	David Robinson
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*New appointment

**On leave July 1, 1973 through February 28, 1974. John W. Nelson will serve as Acting Chairman during this period.

President Enarson recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, Chairmen of Departments, Academic Faculties, and Divisions, Promotions in Academic Rank, and the personnel budget actions as recorded in the "Salary Roll," of the University be approved.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

President Enarson recommended that the following contracts and grants negotiated and monies received for the month of April be accepted.

S U M M A R Y

	No. of Projects/ Donors	Gross Value
Office of Finance and Treasurer	16	\$ 890,793.49
The Ohio State University Research Foundation	35	1,138,902.52
The Engineering Experiment Station	1	16,958.00
The Ohio State University Development Fund	2,143	422,284.00

A detailed listing of the items in each section is shown on the following pages.

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the report from the Office of Finance and Treasurer and The Ohio State University Development Fund, including the establishment of a named fund, were approved by unanimous voice vote.

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer

Summary for Fiscal Year 1972-73
(Ten Months through April 30, 1973)

	Amount of Support	% Change 1971-72	Number of Projects	% Change 1971-72
<u>Federal</u>				
Student	\$ 4,660,342.00	- 7.5	22	46.7
Training Grants	20,417,361.71	2.6	168	16.7
	<u>\$25,077,703.71</u>	<u>0.5</u>	<u>190</u>	<u>19.5</u>
<u>State</u>	371,857.13	-23.1	17	- 10.5
<u>Industrial and Other</u>	<u>538,980.06</u>	<u>33.5</u>	<u>16</u>	<u>100.0</u>
Totals	\$25,988,540.90	0.6	223	19.9

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1. Contracts/Grants

- a. \$227,720.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Title IV Graduate Fellowship Program, under the direction of the Graduate School, for the period September 1, 1973 through August 31, 1974. (Grant No. OEG-0-73-2637)
- b. \$160,000.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Preparing Leadership Personnel in School Psychology, under the direction of the College of Education, for the period September 1, 1973 through August 31, 1974. (Grant No. OEG-0-70-4214)
- c. \$84,097.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Otolaryngology and Audiology - Training Grant, under the direction of the Department of Otolaryngology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 NS05397-11)
- d. \$76,680.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Renal Disease - Training Grant, under the direction of the Department of Medicine, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 HL05975-02)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- e. \$61,065.49 granted by The National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., to the University to provide training for personnel who are responsible for training sheet metal and air conditioning apprentices in industry, under the direction of the Center for Vocational and Technical Education, for the period May 2, 1973 through September 30, 1973.
- f. \$50,296.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Postdoctoral Training in Neurological Surgery, under the direction of the Department of Surgery, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 NS05529-08)
- g. \$38,876.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Teaching Skill Institute for Pharmacy Educators, under the direction of the College of Pharmacy, for the period September 1, 1973 through August 31, 1974. (Grant No. 5 A15 PE05002-02)
- h. \$31,644.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Expansion of Noncommercial Educational Radio Station WOSU-FM, operating on Channel 209 at Columbus, Ohio, under the direction of the Telecommunications Center. (Grant No. OEG-0-73-0350)
- i. \$30,989.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Abstracts of Instructional Materials and Abstracts of Research Materials, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1973 through June 30, 1973. (Grant No. OEG-0-73-3016)
- j. \$30,347.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Energy Conversion in Primary Bio-Photoprocesses, Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K03 GM21946-10)

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

A. Office of Finance and Treasurer (continued)

1. Contracts/Grants (continued)

- k. \$28,005.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Electropharmacological Control of Cardiac Function, Development Award - Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K03 HL11929-10)
- l. \$23,208.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Pathology of Myocardial Hypertrophy and Failure, Development Award - Research Career Program, under the direction of the Department of Pathology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 K04 HL70248-02)
- m. \$19,259.00 granted by Ohio Department of Education, Division of Vocational Education, Agricultural Education Service, Columbus, Ohio, to the University for conducting a series of workshops for planning new programs in vocational education in agriculture in Ohio, under the direction of the Department of Agricultural Education, during the month of June, 1973.
- n. \$13,887.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Physiology - Training Grant, under the direction of the Department of Physiology, for the period July 1, 1973 through June 30, 1974. (Grant No. 5 T01 HL05843-05)
- o. \$11,250.00 additional grant by Department of Health, Education, and Welfare, Office of Education, Washington, D. C., to the University for Statewide Library Planning and Evaluation, under the direction of the University Library, for the period June 15, 1972 through May 31, 1973. (Grant No. OEG-0-72-7535, Revised)
- p. \$3,500.00 additional grant by Small Business Administration, Washington, D. C., to the University for management counseling and technical assistance, under the direction of the College of Administrative Science, for the period ending June 30, 1973. (Contract No. SBA-1568-PMA-73, Modification No. 1)

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

B. The Ohio State University Research Foundation

Summary for Fiscal Year 1972-73
(Ten Months through April 30, 1973)

	Amount of Support	% Change 1971-72	Number of Projects	% Change 1971-72
<u>Federal</u>				
Atomic Energy Commission	\$ 468,445.00	5.64	9	28.57
National Aeronautics and Space Administration	461,533.00	- 22.16	16	- 15.79
National Science Foundation	3,423,550.00	39.02	89	50.85
Department of Defense	2,393,950.00	- 40.23	57	- 35.23
Health, Education, and Welfare	8,782,234.52	9.49	127	- 21.12
Other Federal	<u>3,365,872.00</u>	<u>132.94</u>	<u>40</u>	<u>73.91</u>
Total	\$18,895,584.52	11.35	338	- 5.32
<u>State</u>	321,137.56	92.81	8	166.67
<u>Industrial and Other</u>	<u>2,273,904.82</u>	<u>37.66</u>	<u>107</u>	<u>1.90</u>
Totals	\$21,490,626.90	14.38	453	- 2.58

- o -

1. Federal Research Contracts/Grants

- a. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Hemopoiesis--A Histochemical and Cytological Study (to be known as Project No. 893-N - Ext. #14 - Department of Anatomy).
Gross Value - \$37,432.00.
- b. Environmental Protection Agency, Research Triangle Park, North Carolina, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-M - Ext. #12 - Department of Chemistry).
Gross Value - \$87,720.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Development Fund (continued)

1. Federal Research Contracts/Grants (continued)

- c. Environmental Protection Agency, Research Triangle Park, North Carolina, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-M1 - Dtd. 2/20/73 - Department of Electrical Engineering).
Gross Value - \$17,280.00.
- d. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis, Metabolic and Digestive Diseases, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as Project No. 2308-E - Ext. #5 - Department of Physiology).
Gross Value - \$18,375.00.
- e. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accretion in Atheromatosis (to be known as Project No. 2642-C - Ext. #4 - Department of Pathology).
Gross Value - \$35,063.00.
- f. Department of the Air Force, Office of Scientific Research, Arlington, Virginia, Transport Phenomena in Highly Ionized Shock Heated Gases (to be known as Project No. 2785 - Mod. #AFOSR-69-1759E - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$15,000.00.
- g. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Assays for Enzyme and Inhibitors (to be known as Project No. 2791-D - Ext. #4 - College of Pharmacy).
Gross Value - \$20,381.00.
- h. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Yaba Virus Oncogenesis Immunologic and Viral Factors (to be known as Project No. 2899-C - Ext. #5 - Department of Veterinary Pathobiology).
Gross Value - \$41,610.00.
- i. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Synthesis of Catena Type Compounds (to be known as Project No. 2993-C - Ext. #3 - Department of Chemistry).
Gross Value - \$26,733.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- j. National Science Foundation, Washington, D. C., Field Work and Analysis of Miwok Languages (to be known as Project No. 3165-A1 - Amend. #1 - Department of Linguistics).
Gross Value - \$26,300.00.
- k. National Science Foundation, Washington, D. C., Class Groups of Global Fields (to be known as Project No. 3227-A1 - Amend. #2 - Department of Mathematics).
Gross Value - \$6,500.00.
- l. National Science Foundation, Washington, D. C., Earliest German Medical and Chemical Works (to be known as Project No. 3241-A1 - Amend. #2 - Departments of German and Chemistry).
Gross Value - \$36,200.00.
- m. Department of Health, Education, and Welfare, Office of Education, Chicago, Illinois, A Proposal for the Establishment of a Midwest Center and Institute for Equal Educational Opportunities at The Ohio State University, Columbus, Ohio (to be known as Project No. 3247-A1 - Rev. #4 - Academic Faculty of Educational Development).
Gross Value - \$65,446.00.
- n. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - Memo Dtd. 3/23/73 - Mershon Center for Education in National Security).
Gross Value - \$147,052.52.
- o. National Science Foundation, Washington, D. C., Simple Groups of 2-Rank at Most 4 (to be known as Project No. 3415-A1 - Amend. #1 - Department of Mathematics).
Gross Value - \$5,600.00.
- p. National Science Foundation, Washington, D. C., Environmental Influences on Stability of Soil Masses (to be known as Project No. 3449-A1 - Ext. #1 - Department of Civil Engineering).
Gross Value - \$26,200.00.
- q. National Science Foundation, Washington, D. C., The Approximation Problem in Banach Spaces (to be known as Project No. 3455-A1 - Amend. #1 - Department of Mathematics).
Gross Value - \$12,200.00.

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- r. Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Effects of Refraction and Dispersion on High Altitude Measurements of Atmospheric Gases (to be known as Project No. 3460-A1 - Mod. #2 - Department of Physics).
Gross Value - \$20,000.00.
- s. National Science Foundation, Washington, D. C., Self-Programming Systems: A New Approach (to be known as Project No. 3470-A1 - Ext. #1 - Department of Computer and Information Science).
Gross Value - \$26,000.00
- t. Department of the Army, Defense Supply Service, Washington, D. C., The Utilization of the Behavioral Sciences in Long Range Forecasting and Policy Planning (to be known as Project No. 3527-A1 - New - Behavioral Sciences Laboratory and Department of Political Science).
Gross Value - \$65,914.00.
- u. Department of Health, Education, and Welfare, Office of Child Development, Washington, D. C., Scientific Evaluation and Planning (to be known as Project No. 3569-A1 - Sup. #1 - Mershon Center for Education in National Security).
Gross Value - \$21,000.00.
- v. National Science Foundation, Washington, D. C., Assignment Agreement (to be known as Project No. 3597-A1 - New - The Ohio State University Research Foundation).
Gross Value - \$46,850.00.
- w. Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Data Base Systems (to be known as Project No. 3636-A1 - New - Department of Computer and Information Science).
Gross Value - \$88,000.00.
- x. Department of the Army, Harry Diamond Laboratories, Washington, D. C., DYNACS-X Documentation Update (to be known as Project No. 3649-A1 - New - Department of Industrial and Systems Engineering).
Gross Value - \$9,853.00.

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

1. Federal Research Contracts/Grants (continued)

- y. National Science Foundation, Washington, D. C., Biomedical Analysis of Tooth Support (to be known as Project No. 3657-A1 - New - Department of Physiology).
Gross Value - \$40,500.00.
- z. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Social Psychology (to be known as Project No. 3658-A1 - New - Department of Psychology).
Gross Value - \$4,200.00.
- aa. National Science Foundation, Washington, D. C., Cognitive Configurations of a City (to be known as Project No. 3659-A1 - New - Department of Geography).
Gross Value - \$32,500.00.
- bb. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, The Application of the General Energy Equation: A Unified Approach to Mechanics (to be known as Project No. 3660-A1 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$24,000.00.
- cc. National Science Foundation, Washington, D. C., Propagation of Insect Viruses in Cultured Insect Cells (to be known as Project No. 3661-A1 - New - Department of Entomology).
Gross Value - \$50,400.00.
- dd. National Science Foundation, Washington, D. C., Regulation of Deoxynucleotide Biosynthesis in Higher Plants (to be known as Project No. 3662-A1 - New - Department of Biochemistry).
Gross Value - \$29,000.00.
- ee. National Science Foundation, Washington, D. C., Lactic Dehydrogenase Shifts in Tissues (to be known as Project No. 3663-A1 - New - Department of Biochemistry).
Gross Value - \$12,500.00.

TOTAL - Federal Research Contracts/Grants \$1,095,809.52

June 7, 1973 meeting, Board of Trustees

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS
(continued)

B. The Ohio State University Research Foundation (continued)

2. State Research Contract/Grant

- a. Ohio Department of Rehabilitation and Corrections, Columbus, Ohio, Evaluation of Parole Case-Aides Project (to be known as Project No. 3653-A1 - New - Division of Public Administration).
Gross Value - \$1,000.00.

3. Industrial and Other Contracts/Grants

- a. Steel Founders' Society of America, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-D - New - Department of Metallurgical Engineering).
Gross Value - \$24,000.00.
- b. Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology (to be known as Project No. 3389-A1 - Ltr. Dtd. 3/16/73 - Department of Botany).
Gross Value - \$11,340.00.
- c. City of Columbus, Columbus, Ohio, Bail System Development Study (to be known as Project No. 3621-A1 - Addendum - Division of Public Administration and Department of Industrial and Systems Engineering).
Gross Value - \$6,753.00.

TOTAL - Industrial and Other Contracts/Grants \$42,093.00

C. The Engineering Experiment Station

Summary for Fiscal Year 1972-73
(Ten Months through April 30, 1973)

	Amount of Support	% Change 1971-72	Number of Projects	% Change 1971-72
<u>Federal</u>	\$ 141,395.00	-33.1	14	7.7
<u>State</u>	463,580.00	31.2	33	57.1
<u>Industrial and Other</u>	<u>358,704.00</u>	<u>10.3</u>	<u>256</u>	<u>- 3.8</u>
Totals	\$ 963,679.00	11.0	303	1.0

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1. Industrial Research Contract

EES 440X Improvements in Pyrometric Cone Behavior, The Edward Orton, Jr., Ceramic Foundation, Columbus, Ohio.
Gross Value - \$16,958.00.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund

Summary for Fiscal Year 1972-73
(Ten Months through April 30, 1973)

	Amount of Gifts	% Change 1971-72	Number of Donors	% Change 1971-72
<u>General Solicitation</u>	<u>\$ 519,499.00</u>	<u>18.3</u>	<u>22,878</u>	<u>- 2.6</u>
<u>Major Resources</u>				
Group				
Major Individual				
Gifts	\$ 2,365,550.00	94.5	608	57.5
Corporate Gifts	1,006,328.00	10.6	394	5.9
Foundation and				
Non-Profit				
Organization				
Gifts	<u>1,238,803.00</u>	<u>31.2</u>	<u>395</u>	<u>- 17.4</u>
Total	<u>\$ 4,610,681.00</u>	<u>50.2</u>	<u>1,397</u>	<u>13.0</u>
Grand Total	\$ 5,130,180.00	46.2	24,275	- 1.8

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2. Gifts of \$5,000 or More

- a. \$92,865.80 from the Estate of C. Howard Stokes, Cleveland, Ohio, to assist with the funding of the University Activities Center.
- b. \$57,168.52 from Louise Orr Scott Foundation, Columbus, Ohio--
\$42,876.39 for scholarships in the College of Medicine and
\$14,292.13 for scholarships in the College of Pharmacy.
- c. \$49,900.00 from Josephine Baker Sidnell, Estate, Ft. Lauderdale, Florida, for research in the cure and control of cardiovascular diseases.
- d. \$20,721.66 from the Estate of Olline G. Hyman, Columbus, Ohio, for the Department of Ophthalmology for eye research.
- e. \$15,397.60 from Searle Diagnostic, Inc., Columbus, Ohio--
\$5,376.80 for pharmacology research, \$5,020.80 for cancer research, and \$5,000.00 for gastroenterology research.
- f. \$12,806.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship program in the Department of Electrical Engineering.

III. REPORT OF RESEARCH CONTRACTS, GRANTS, GIFTS, AND AGREEMENTS

(continued)

D. The Ohio State University Development Fund (continued)

2. Gifts of \$5,000 or More (continued)

- g. \$11,000.00 from Martha Holden Jennings Foundation, Cleveland, Ohio, for use in the Student Community Services Program in the College of Education.
- h. \$10,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Department of Animal Science.
- i. \$10,000.00 from the Estate of Kenyon S. Campbell, Columbus, Ohio, for use in the College of Law.
- j. \$8,050.00 from Schering Corporation, Bloomfield, New Jersey, for infectious disease research in the College of Medicine.
- k. \$5,000.00 from John J. Barone, Toledo, Ohio, for the Division of Urology in the College of Medicine.

3. Establishment of Named Fund

- a. \$2,195.00 from members of the Medical Class of 1942 for the establishment of the David Berger Memorial Fund.

David Berger Memorial Fund

The David Berger Memorial Fund was established June 7, 1973, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from members of the Medical Class of 1942, in memory of the late David Berger, Cleveland, Ohio, son of a classmate, Benjamin Berger, M.D. '42, who was killed in Munich, Germany, during the 1972 Olympics while competing as a member of the Israeli Olympic Team.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Gifts are to be used for research in medical problems, with first preference to be given to problems related to sports medicine.

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IV. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Acting Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Dentistry Building, South Wing Addition

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$5,100,258.00	\$5,169,471.96	\$69,213.96

This project involved a substantial amount of remodeling in an existing building, numerous minor adjustments had to be made in the construction contracts. The largest single item included design changes in the heating, ventilating, and air conditioning system to insure positive ventilation of larger laboratories under operating conditions which were not earlier anticipated.

Funds have been provided from Budget Account 801222 (PHS Dentistry Building Addition).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

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V. PLANS AND SPECIFICATIONS

At the request of the Acting Vice President for Administrative Operations, the President recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Goss Laboratory--Partial Remodeling - Phase II
(Freight Elevator Modifications)

The elevator in Goss Laboratory was designed and inspected as a freight elevator with heavy manually operated bi-parting doors. This installation was satisfactory for minimum use. With requirements of the remodeled building space, the addition of power operation for the doors will improve the use and safety factors for employees using the elevator.

June 7, 1973 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Goss Laboratory--Partial Remodeling - Phase II
(Freight Elevator Modifications) (continued)

Funds are budgeted in Budget Account 801293 (Goss Laboratory Remodeling).

Upon motion of Mr. Safford, seconded by Mr. Gushman, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Acting Vice President Zimmerman was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Sisson Hall, Electrical Renovation and Air Conditioning

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u> <u>Conditioning Contract</u> (7 bids received 5-3-73)		
Limbach Company (Columbus)	\$118,264.00	\$180,338.00
<u>Electrical Contract</u> (8 bids received 5-3-73)		
Miller-Davis Electric (Columbus)	<u>80,614.50</u>	<u>138,809.00</u>
<u>Total All Contracts</u>	<u>\$198,878.50</u>	<u>\$319,147.00</u>

Funds for this project have been provided from S. B. 457 (Utilities and Renovations), and Budget Account 801291 (Sisson - Electrical Renovation and Air Conditioning).

B. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 5-15-73)		
Floyd Baker Corporation (Columbus)	\$ 40,489.00	\$ 60,072.00

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Roadway Repair and Resurfacing--Cannon Drive and Coffey Road

Funds for this project have been provided from Budget Account 125064 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Acting Vice President for Administrative Operations was ratified by unanimous roll call vote.

C. Football Radio Network

Bids were solicited for the purchase of a three-year contract (1973 through 1975) to establish a football radio network in accordance with the procedures established by the Ohio Department of Public Works. After analyzing each of the bids received, with the concurrence of legal counsel and the Director of Purchasing, President Enarson recommended that a three-year contract in the amount of \$230,400 be entered into between this University and WTVN Radio, Columbus, Ohio.

Mr. Shocknessy made the following comment:

I noticed from the Director's letter that he said these bids were 'responding to our specifications.' I don't remember ever seeing the specifications before this Board, an account of how they were offered, or a record of who prepared them. I realize that legal counsel did the contract but I am interested in where the advice on the validity of this method came from. I agree that it is always nice to make money and there is money to be made here but I haven't seen a contract, I haven't seen the specifications and I don't know what obligations the University might have with respect to this contract. I'm not challenging anybody's competence but this is the first time this issue has ever been, as far as I know, before this Board.

Dr. Moulton, in response to Mr. Shocknessy's comments, indicated that the specifications were developed by Director Weaver, Department of Athletics; the Purchasing Department and with the advice of legal counsel. Further, the procedure that was followed was in full compliance with the bidding procedures established by the Department of Public Works' regulations.

D. Covering of Seats in A and C Decks of Ohio Stadium

Requests for bids to cover seats in A and C Decks of Ohio Stadium were solicited in accordance with the procedures established by the Ohio Department of Public Works. Three of the bids received proposed the use of an aluminum material and one a fiberglass composition, the latter being the apparent low bidder.

June 7, 1973 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Covering of Seats in A and C Decks of Ohio Stadium

After an analysis of the bids, President Enarson recommended that this contract be awarded to Miracle Recreation Equipment Company, Grinnell, Iowa, at a cost of \$109,240.00.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the Board of Trustees approved the awarding of the contracts in accordance with the recommendation by seven affirmative votes and Mr. Shocknessy and Dr. Sirak abstaining.

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VII. REPORT ON CONTROLLING BOARD ACTIONS
PERTAINING TO THE OHIO STATE UNIVERSITY

- 21 Approves the release of \$25,000 from H. B. 988, Item 315-074 (Utilities and Renovation), for planning on the two projects known as "Traffic Improvements - North" and "Traffic Improvements - South."

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VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Newark Campus--Expansion of Parking Facilities,
Employment of Engineers

President Enarson recommended that the engineering firm of Jobes Henderson Associates, Newark, Ohio, be employed to provide detailed plans and specifications, engineering services and consultation during construction and final acceptance on completion of construction.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works. Preliminary estimate for construction, \$200,000.

Funds for this engineering service have been provided from the Newark Reserve Account, Budget Account 149989.

B. Newark Campus--Phase II, Employment of Architects

President Enarson recommended that the architectural firm of Joseph Baker and Associates, Newark, Ohio, be employed to provide complete architectural and engineering services for this project, including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents, and supervision of construction.

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Newark Campus--Phase II, Employment of Architects

Fee to be negotiated based upon the Architects Society of Ohio of the American Institute of Architects recommended minimum cost of service, as modified by the Department of Public Works letter dated September 23, 1969. Estimated construction cost, \$1,600,000.

Funds for this architectural service have been provided from H. B. 988, Item 315-085.

Upon motion of Mr. Harrod, seconded by Mr. Dunlap, the above recommendations were approved with eight affirmative votes and Mrs. James abstaining.

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IX. REPORTS

A. Report from the Retirement and Insurance Committee

1. Benefit Improvements in Major Medical Insurance Plan for University Employees

As Chairman of the Retirement and Insurance Committee, Mr. Gushman presented the following resolution on behalf of the Committee for adoption by the Board of Trustees:

BE IT RESOLVED, that the major medical insurance plan for faculty, staff, and regular classified employees be amended, effective July 1, 1973, to include the following changes:

- (a) The major medical maximum benefit is to be increased from \$25,000 to \$50,000 per insured person, and the 10% automatic annual restoration provision is to apply to the new \$50,000 major medical maximum.
- (b) The major medical coinsurance factor is to be increased from 80% to 100% of covered expenses for the balance of a 'period of disability' after an insured person incurs \$1,000 of out-of-pocket expenses under the \$100 deductible and 20% coinsurance factor (\$1,500 out-of-pocket expense requirement for persons without Blue Cross coverage who have \$500 deductible).

June 7, 1973 meeting, Board of Trustees

IX. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

1. Benefit Improvements in Major Medical Insurance
Plan for University Employees (continued)

- (c) The above major medical improvements are
(i) to be effective July 1, 1973, for insured
employees and eligible dependents subject to
enforcement of the actively-at-work require-
ment for employees and the nonconfinement
provision for dependents; (ii) not to apply to
covered expenses incurred for or as the
result of mental and nervous disorders; and
(iii) to increase the composite major medical
premium rate by \$.12 per month from \$3.79
to \$3.91 per employee.

FURTHER BE IT RESOLVED that the costs associated with
providing this additional coverage be funded from available
insurance reserve funds.

Upon motion of Mr. Gushman, seconded by Mrs. James, the above resolution
was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated June 7, 1973, as submitted to the Finance and Investment
Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining
to the University's Investment Portfolio, was received and ordered to be
filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, July 6, 1973, at The Ohio State
University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Edward Q. Moulton
Secretary

Don M. Hilliker
Chairman

APPENDIX VIII

Revision in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07,
37.09, 37.15, 47.01 of Rules for the University Faculty

Approved by University Senate
May 8, 1973

Adopted by Board of Trustees
June 7, 1973
(See page 467)

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Revision of Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09,
37.15, 47.01 of Rules for the University Faculty

On May 8, 1973, the University Senate approved changes in Rules 35.01, 35.03, 35.07, 35.09, 35.11, 37.07, 37.09, 37.15, 47.01 of Rules for the University Faculty. The text of each Rule as modified is as follows:

35.01. Course Examinations.

At the close of each course as defined in Rule 31.01, an examination will be given on the student's capabilities relative to the stated course objectives, the method of examining to be determined by the instructor or supervisor of the course. Examinations in laboratory and seminar courses shall be optional with the instructor concerned.

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35.03. Examination Schedules.

Section 1. All examinations shall be centrally scheduled by the Office of Scheduling, except examinations for those classes in which the enrollment is exclusively of students registered in the Colleges of Dentistry, Law, Medicine, Optometry, Pharmacy, or Veterinary Medicine. Examination schedules for these classes will be prepared by the administrative offices of the colleges. All examination schedules prepared outside the Office of Scheduling shall, before publication, be cleared with the Office of Scheduling which shall have the power to resolve all conflicts.

In performing its scheduling function the Office of Scheduling shall limit individual examinations to two-hour duration and the total examination period to no more than five days.

Section 2. The official examination schedules shall be strictly adhered to by all instructors. Any deviation from the official schedules must be approved by the department chairman in consultation with the Office of Scheduling.

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35.07. Marks.

The official marks of the University are as follows: A, B, C, D, E, EM, I, K, P, PA/NP, R, S/U, W. These marks shall have the following meaning:

- A -- The instructor judged the student to have satisfied the stated objectives of the course in an excellent manner. The student's performance was judged to be of this high quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.
- B -- The instructor judged the student to have satisfied the stated objectives of the course in an above average manner. The student's performance was judged to be of above average quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.

35.07. Marks. (continued)

- C -- The instructor judged the student to have satisfied the stated objectives of the course in an average manner. The student's performance was judged to be of average quality based upon a comparison with other students in the course, and/or students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.
- D -- The instructor judged the student to have satisfied the stated objectives of the course in the lowest acceptable manner. The student's performance was judged to be of below average but acceptable quality based upon a comparison with other students in the course, and/or with students who have taken the course previously, and/or the instructor's personal expectations relative to the stated objectives of the course, based on his experience and expertise.
- E -- The instructor judged the student not to have satisfied the stated objectives of the course. Credit for a course in which the mark E has been received can be obtained only by repeating and passing the course in class. (See Rules 35.11 and 37.09.)

EM -- Examination.

Section 1. This mark indicates credit given to students registered in the University on the basis of examinations taken prior to or after admission to the University. The level of achievement which must be demonstrated by the student on these examinations in order to receive EM credit shall be determined by the Department or School in which the course is offered for credit, in accord with the criteria for the award of letter grades. This credit, up to a maximum of 45 credit hours, shall be assigned only upon the authorization of the Chairman of the Department or the Director of the School and with the approval of the authorized representative of the Dean or Director of the student's enrollment unit. Additional examination credit hours may be assigned specific curricular programs with the prior approval of the Council on Academic Affairs.

Section 2. Examination credit shall not be given to a student for a course in which he has received a mark at this University. No credit points are allowed for courses in which a mark of EM is given.

I -- Incomplete.

Section 1. An I indicates that the student has completed a major portion of the work in the course in a satisfactory manner, but for reasons judged by the instructor to be legitimate, a portion of the course requirements remains to be completed.

35.07. Marks. (continued)

Section 2. The mark I shall be reported to the Registrar together with the mark which the Registrar is authorized to enter on the student's official record unless a different mark is reported to the Registrar in the manner and within the time described below.

Section 3. The student must complete the work so that the instructor of the course may report the final mark at the earliest possible time, but not later than noon of the sixth Saturday of the quarter following the quarter in which the I was received. For legitimate reason, the instructor may establish a deadline for the completion of the work which is within the maximum time permitted. Upon petition of the student within this period, the authorized representative of the Dean or Director of the enrollment unit in which the student was last enrolled after consultation with the instructor of the course, or, if the instructor is unavailable, the Chairman of the department involved, may for good reason allow a student additional time in which to complete the work. Generally, this shall not be longer than the end of the quarter following the quarter in which the I was received. Any decision extending the period shall set forth the time in which the student shall complete the work and a copy of the decision shall be forwarded to the Registrar.

Section 4. As soon as the incomplete work has been made up, the instructor, or in the case of his absence from the University, the Department Chairman or the Director of the School, shall file the proper mark in the Registrar's Office. Until such time as a final mark is recorded the credit for the mark I shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

Section 5. In no case shall a student who has received the mark I be permitted to repeat the course in which such mark was received until such time as the I has been removed and then only in such cases as fall within Rule 37.09.

K -- Credit.

This mark shall be used for work credited from other institutions by the Director of Admissions only. K credit shall be counted as hours only and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

P -- Progress.

Section 1. This mark is used to indicate that the student has shown satisfactory progress in a series or sequence of courses where the mark is not recorded until the final quarter of the series or sequence is completed. Until such time as a final mark is recorded, the mark of P shall be given and the credit shall be

35.07. Marks. (continued)

counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05. When a final mark is submitted by the instructor, all previous P marks shall assume and be recorded with the value of the final mark.

Section 2. P mark is not to be used for any course approved for the S/U mark.

PA/NP--Pass/Non-Pass. This mark may be used at the option of the student.

Section 1. This grading pattern may be chosen by the undergraduates or Continuing Education students for a maximum of 30 credit hours.

Section 2. Among these 30 credit hours, an undergraduate student may elect Pass/Non-Pass grading for any or all University required courses. (See Rule 31.07.)

An undergraduate student who has accumulated a point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass that are not required or designated as required electives in the curriculum leading to the degree for which the student is a candidate.

A student registered in the Division of Continuing Education who has an accumulated point-hour ratio of 2.0 or higher may elect courses for Pass/Non-Pass for a maximum of 30 credit hours.

Section 3. Hours graded Pass (PA) count toward the degree. Pass/Non-Pass marks (PA/NP) are not computed in the point-hour average of the student.

Section 4. Before noon of the sixth Saturday of a quarter or the third Saturday of a term, a student must have declared his intention to take a course on the Pass/Non-Pass basis by filing the appropriate forms with the Dean or Director of his enrollment unit (students in Physical Education and Military Science file the forms in those departmental offices). A student may not change to or from the Pass/Non-Pass Option after noon of the sixth Saturday of a quarter or the third Saturday of a term.

Section 5. The instructor will submit PA or NP marks to the Registrar for those students selecting the grading pattern.

Section 6. The grade Pass (PA) is the equivalent of the grades ABCD, and the grade Non-Pass (NP) is the equivalent of the grade E.

35.07. Marks. (continued)

R -- Registered to Audit. This mark indicates that the student has registered to audit the course. No credit hours shall be awarded for this mark. (See Rule 37.11.)

S/U -- Satisfactory/Unsatisfactory.

Section 1. The mark S may be used to record either satisfactory progress in or completion of work, provided that the course has been approved for this mark by the Dean of the College offering the course, and in the case of courses carrying graduate credit, by the Dean of the Graduate School. It shall be used as an alternative to U or I in all individual studies courses whatever their number. S credit shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under Rule 37.05.

Section 2. The mark U shall be used for unsatisfactory work in courses in which a student would be entitled to the mark of S if his work had been satisfactory. No credit shall be given for work marked U. This mark shall not be considered in determining a student's point-hour ratio under Rule 37.05.

W -- Withdrew. This mark is used for students wishing to withdraw from one or more but not all courses in a quarter.

Section 1. An undergraduate who desires to withdraw from any course must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit.

Section 2. Until noon of the fourth Saturday of a quarter (third Saturday of a term) an undergraduate student may withdraw from one or more courses which began in the same quarter (or term), and no mark will be entered on the student's official permanent record.

Section 3. After noon of the fourth Saturday of a quarter and until noon of the seventh Saturday of a quarter, if an undergraduate student withdraws from one or more but not all courses which began in the same quarter, the Registrar is authorized to enter the mark W on the student's official permanent record.

Section 4. After noon of the seventh Saturday of a quarter, (third Saturday of a term) an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment

35.07. Marks. (continued)

unit. Upon approval of the petition, the Registrar, as directed by the instructor in the course, is authorized to enter the grade W or E on the student's official permanent record.

Section 5. The Graduate School and graduate professional colleges shall formulate appropriate rules to govern withdrawal from courses in their respective curricula, subject to the approval of the Council on Academic Affairs, and publish these rules in their respective bulletins.

Section 6. For procedures for withdrawal from the University, see Rule 47.01.

Section 7. For provision regarding return of fees, see Rule 43.09.

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35.09. Report of Marks.

Upon completion of the course requirements marks for every student shall be reported to the Office of the Registrar in accord with deadlines listed in the Quarterly Master Schedule of Classes.

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35.11. Alteration of Marks.

Section 1. A mark filed in the Office of the Registrar is a part of the official records of the University. It is not subject to change except upon written authorization of the instructor of the course, the appropriate Department Chairman or Director of the School and the Dean of the instructor's college and of the authorized representative of the Dean or Director of the student's enrollment unit. Such change shall be made only when a clerical error has been discovered.

Section 2. An undergraduate student who has received a grade of D or E in a course or courses taken during his freshman year (the period during which the student accumulates the first 48 credit hours on his official permanent record) may repeat or substitute up to 15 credit hours of such courses subject to the following regulations:

- a. The course serving as a repetition or substitute for a course in which a grade of D or E was received must be recommended by the student's advisor and have the approval of the authorized representative of the Dean, or Director of the student's enrollment unit, before noon of the third Saturday of the quarter in which the substitute course is taken.

35.11. Alteration of Marks. (continued)

- b. The mark or grade received in the repeated or substitute course shall be entered on the student's permanent record and count toward his accumulative point-hour average and credit hours toward graduation. The original course and mark shall remain on the student's permanent record but will not count on his accumulative point-hour average or credit hours toward graduation.
- c. Courses repeated or substituted according to this rule shall be completed no later than the end of the quarter during which the student will have accumulated a total of 98 credit hours.

Section 3. The Graduate School and graduate professional colleges may formulate appropriate modifications of Section 2 of this rule, subject to the approval of the Council on Academic Affairs, and publish the rule in their bulletins.

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37.07. Failure in a Required Course.

Except for an undergraduate student who has received a mark of E for courses taken during his first or freshman year (see Rule 35.11, Section 2), an undergraduate or professional student who has not been dismissed from the University must repeat in class, at his first opportunity, a required course which he has failed, unless a substitute course is approved by the authorized representative of the Dean or Director of his enrollment unit upon the recommendation of the Chairman of the Department or of the Director of the School involved. A graduate student who has not been dismissed from the University must repeat in class a required course which he has failed only if required to do so by his adviser.

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37.09. Repetition of Courses.

Section 1. An undergraduate student who has received a mark of D or E for courses taken during his first or freshman year at this University may repeat the course as provided in Rule 35.11, Section 2. Otherwise a student who has received a mark of E or Non-Pass in any other course at this University may repeat the course for credit at his option.

Section 2. An undergraduate student (other than a freshman) or a professional student, as defined in Rule 41.03, who has received a mark of D in a course at this University may repeat the course for credit only upon the recommendation of the authorized representative of the Dean or Director of his enrollment unit. A graduate student, as defined in Rule 41.03, may, when approval is given by his advisor, repeat for credit any course in which he has received a mark of D.

37.09. Repetition of Courses. (continued)

Section 3. An undergraduate or professional student, as defined in Rule 41.03, who has received a mark of A, B, C or Pass in a course taken at this University or elsewhere may repeat the course only as an auditor, upon receipt of permission by the Chairman of the Department and the authorized representative of the Dean or Director of his enrollment unit. A graduate student, as defined in Rule 41.03, may, after a period of five years, and when approval is given by the Graduate Committee of his Department and the Dean of the Graduate School, repeat for credit a course in which he has received a mark of A, B, or C.

Section 4. A student who has audited a course may subsequently repeat the course for credit with the permission of the authorized representative of the Dean or Director of his enrollment unit.

Section 5. The credit hours for a repeated course shall in no case be counted more than once in meeting graduation requirements.

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37.15. Withdrawal from Courses.

Section 1. An undergraduate who desires to withdraw from any course must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit.

Section 2. Until noon of the fourth Saturday of a quarter (third Saturday of a term) an undergraduate student may withdraw from one or more but not all courses which began in the same quarter (or term), and no mark will be entered on the student's official permanent record.

Section 3. After noon of the fourth Saturday of a quarter and until noon of the seventh Saturday of a quarter, if an undergraduate student withdraws from one or more but not all courses which began in the same quarter, the Registrar is authorized to enter the mark W on the student's official permanent record.

Section 4. After noon of the seventh Saturday of a quarter, an undergraduate student, who because of extenuating circumstances finds it necessary to withdraw from one or more courses, must file the appropriate petition with the authorized representative of the Dean or Director of his enrollment unit. Upon approval of the petition, the Registrar, as directed by the instructor in the course, is authorized to enter the grade W or E on the student's official permanent record.

Section 5. The Graduate School and graduate professional colleges shall formulate appropriate rules to govern withdrawal from courses in their respective curricula, subject to the approval of the Council on Academic Affairs, and publish these rules in their respective bulletins.

Section 6. For withdrawal from the University see Rule 47.01.

37.15. Withdrawal from Courses. (continued)

Section 7. For provision regarding return of fees, when applicable, see Rule 43.09.

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47.01. Withdrawal from the University.

Section 1. A student who withdraws from the University, which indicates withdrawal from all courses which began in the same quarter, must declare his intention by filing the appropriate form with the authorized representative of the Dean or Director of his enrollment unit. (For withdrawal from courses see Faculty Rule 37.15.)

Section 2. An undergraduate student who withdraws from all courses which began in the same quarter shall be considered to have withdrawn from the University, in which case no marks but a dated notation "withdrew" shall be entered on the student's official permanent record.

Section 3. A student who withdraws from the University without communicating with the authorized representative of the Dean or Director of his enrollment unit and without officially withdrawing from all courses which began in the same quarter, will have a mark of E entered on his permanent record for all such courses.

Section 4. For provision regarding return of fees, when applicable, see Faculty Rule 43.09.

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APPENDIX IX

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 8, 1973

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The Recipients of Honors

ELIZABETH DUNCAN KOONTZ

Doctor of Humane Letters

A concerned humanitarian and diplomat who exemplifies the humanitarian ideal, Elizabeth Koontz is internationally known for her leadership in raising the level of consciousness regarding the rights of the disadvantaged. The Ohio State University is honored to recognize Elizabeth Duncan Koontz by conferring upon her the degree, Doctor of Humane Letters, honoris causa.

ARTHUR E. MORGAN

Doctor of Humane Letters

A progressive educational leader and noted engineer, Arthur Morgan has made singular contributions to the application of man's knowledge in meeting the challenges of his environment. Dedication and service have been hallmarks of his distinguished career. The Ohio State University acknowledges these achievements by conferring upon Arthur E. Morgan the degree, Doctor of Humane Letters, honoris causa.

GEORGE SINCLAIR

Doctor of Science

A dedicated academician and scientist whose enlightened approach to communications techniques has advanced man's understanding of the world, George Sinclair has distinguished himself as a pioneer in engineering, an innovative educator, and noted researcher. The Ohio State University is honored to confer upon George Sinclair the degree, Doctor of Science, honoris causa.

Graduate School

Dean: Arliss L. Roaden

Doctor of Philosophy

One hundred and eighty-four candidates

John Bradley Anderson, Mansfield
A.B. (Denison University); M.S.W.

Dissertation: Associations between Participation in
Community Mental Health Planning and Adherence to
Community Mental Health Ideology
Field of Specialization: Social Work

Paul James Andrisani, Columbus

B.S., M.B.A. (University of Delaware)
Dissertation: An Empirical Analysis of the Dual Labor
Market Theory
Field of Specialization: Business Administration

Pantelis Michael Angelides, Columbus
B.A., M.A.

Dissertation: Political Development and Political Decay in
Interwar Greece
Field of Specialization: Political Science

James Houston Baker, Canfield

B.S. in Ed. (Kent State University); M.A.T. (University
of North Carolina)

Dissertation: A Survey of Science Teaching in the
Public Secondary Schools of the Plains, Rocky Mountains,
and Southeast Regions of the United States in the
1970-71 School Year
Field of Specialization: Education

Charles Marvin Baldeck, Rochester, N. Y.

B.S. (Eastern Nazarene College); M.S.
Dissertation: The Solvent Extraction of Aluminum, Lead
and Some Transition Metals with 2,2,6,6-Tetramethyl-3,5-
Heptanedione
Field of Specialization: Chemistry

John Albert Bantle, Ypsilanti, Mich.

B.A., M.S. (Eastern Michigan University)
Dissertation: The Neurotrophic Influence on RNA
Precursor Incorporation into Polyribosomes of
Regenerating Adult Newt Forelimbs
Field of Specialization: Zoology

George Harlow Bare, Columbus

B.A. (University of North Carolina)
Dissertation: Physical Studies of Heme Proteins
Field of Specialization: Physiological Chemistry

John Frederick Bargeloh, Mineral Wells, W. Va.

B.S.Agr., M.S. (West Virginia University)
Dissertation: Effect of Estrogen and Progesterone on
Feed Intake, Calcium Metabolism and Interrelationships
of Calcium, Phosphorus and Magnesium in the Bovine
Field of Specialization: Dairy Science

Jerry Baker Barnett, Dayton

B.S.Ed., M.Ed. (Ohio University)
Dissertation: Effects of Self-Management Instruction
and Contingency Management to Increase Completion
of Work
Field of Specialization: Education

Clemens Lester Bartollas, Columbus

B.A. (Davis and Elkins College); B.D. (Princeton
Theological Seminary)
Dissertation: Runaways at the Training Institution
Central Ohio
Field of Specialization: Sociology

Patricia Ann Bender, El Paso, Tex.

B.A. (University of Texas); M.A.
Dissertation: Vibrotactile Discrimination of Normal,
Hearing Impaired, and Visually Impaired Individuals
Field of Specialization: Speech Communication

Glenn Earl Bettis, Charleston, Tenn.

B.S., M.A. (East Tennessee State University)
Dissertation: A Follow-up Study of Ph.D. Graduates
From The Ohio State University with a Major in
Industrial Technology Education
Field of Specialization: Education

Robert William Betts, Lynchburg, Va.

B.A.A.E., M.S.
Dissertation: The Effects of Hypersonic Viscous
Interaction on Static/Stability of Slender Bodies in
Simulated Non-Equilibrium Flows
Field of Specialization: Aeronautical and Astronautical
Engineering

James Richard Bode, Cuyahoga Falls

B.A. (College of Wooster)
Dissertation: A Logic for Conditional Statements
Field of Specialization: Philosophy

Jean Haythorne Braden, Bridgeport

B.S.Ed., M.A.
Dissertation: The Eagle and the Crescent: American
Interests in the Ottoman Empire, 1861-1870
Field of Specialization: History

Charles Wesley Bridges, Columbus

B.A. (Oakwood College); M.Ed. (University of Nebraska)
Dissertation: The Curriculum Theory Context of Activity
Analysis and the Educational Philosophies of Washington
and Dubois
Field of Specialization: Education

Loren Hobert Briggs, Newark

B.A. (Denison University); M.Ed. (Ohio University)
Dissertation: A Survey and Analysis of the Extent Merit
Considerations are Included in Teacher Compensation
Plans in Selected School Districts in Ohio
Field of Specialization: Education

Thomas Richard Brinner, Apalachin, N. Y.

B.S.E.E. (Washington University); M.S. (Syracuse
University)
Dissertation: Continuous Synchronous Longitudinal
Guidance of Automated Highway Vehicles
Field of Specialization: Electrical Engineering

James Henry Broadbent, Elkhart, Ind.

B.S. (Ball State Teachers College); M.A. (Western
Michigan University)
Dissertation: The Relationship between Correctional
Education and Training of Inmates and Their Parole
Success
Field of Specialization: Education

Alvis Brown, Ironton

B.A., M.A. (Marshall University)
Dissertation: A Comparison of Students Who Have Been
Through a Program of Interpersonal Relations and Those
Who Have Not
Field of Specialization: Education

- David Bruce Buzzard, Wilmington
B.A. (West Liberty State College); M.A.
Dissertation: Humanizing the Secondary English Curriculum Through the Use of Film
Field of Specialization: Education
- Mary Jo Campbell, Columbus
B.S. (University of New Mexico); M.A. (University of California, Santa Barbara)
Dissertation: The Effects of Traditional and Contingency Management Methods on Performance in Selected Volleyball Skills
Field of Specialization: Physical Education
- Donald Gray Chafin, Riner, Va.
B.S. (Virginia Polytechnic Institute); M.S.
Dissertation: Economic Analysis of Futuristic Beef Cattle and Forage Production Systems
Field of Specialization: Agricultural Economics and Rural Sociology
- Amiya Kumar Chakrabarti, West Bengal, India
B.E. (University of Calcutta); M.S.
Dissertation: Characteristics of Plastic Instability in the Direction of Pure Shear
Field of Specialization: Metallurgical Engineering
- Srisook Chandransu, Lampang, Thailand
B.Eng. (Chulalongkorn University); M.E. (Asian Institute of Technology)
Dissertation: Mathematical Models of Traffic Flow Based on the Energy Concept
Field of Specialization: Civil Engineering
- Ben-Chen Chi, Dayton
B.Sc. (Taiwan Provincial Cheng Kung University); M.S. (University of Missouri)
Dissertation: Pattern Recognition of Spoken Words Based on Haar Functions
Field of Specialization: Electrical Engineering
- Wunchung Chiou, St. Paul, Minn.
B.S. (National Taiwan University); M.A. (Bowling Green State University)
Dissertation: Toward a Complete Theory of Spatial Organization of the Human Visual System at Impulse Detection Threshold
Field of Specialization: Biophysics
- Bernard Fred Cleveland, Hilliard
B.S.Ed., M.S.Ed. (State University of New York, Oneonta)
Dissertation: Measuring the Impact of Gordon's Teacher Effectiveness Training on Teachers' of Social Studies
Field of Specialization: Education
- Cary Corwin Conn, Dunkirk
B.A. (Ohio Northern University); M.A.
Dissertation: John Porter Brown, Father of Turkish-American Relations, an Ohioan at the Sublime Porte, 1832-1872
Field of Specialization: History
- James Goodman Connell, Jr., Adel, Ga.
B.S. (United States Naval Academy); M.A. (University of Georgia); M.A.
Dissertation: Freedom and the Don Juan Tradition in Selected Narrative Poetic Works and *The Stone Guest* of Alexander Puchkin
Field of Specialization: Slavic Languages and Literatures
- Darlene Kay Conover, Ames, Ia.
A.B., A.M. (Colorado State College)
Dissertation: Object Preference and Resulting Movement Behaviors of Three to Seven Year Old Custodial and Trainable Retarded Boys
Field of Specialization: Physical Education
- Thomas J. Covault, Columbus
B.S., M.A. (Miami University)
Dissertation: The Application of Value Clarification Teaching Strategies with Fifth Grade Students to Investigate Their Influence on Student's Self-Concept and Related Classroom Coping and Interacting Behaviors
Field of Specialization: Education
- Roger Ronald Craig, Dayton
B.Aero.E. (Rensselaer Polytechnic Institute); M.S.
Dissertation: Turbulence in Free Diffusion Flames of Hydrogen-Nitrogen Mixtures Burning in Still Air
Field of Specialization: Aeronautical and Astronautical Engineering
- Eric Richard Craine, Dayton
B.S. (University of Oklahoma)
Dissertation: A Comparison of Core and Shell Spectra of Eta Carinae and Scattering Mechanisms in the Shell
Field of Specialization: Astronomy
- Xavier Creary, Montclair, N. J.
B.S. (Seton Hall University)
Dissertation: Part I Anti-tricyclo [3.1.1.0^{2,4}] heptyl and Related Systems
Part II Reductive Cleavage of Succinic Esters Under Acyloin Conditions
Field of Specialization: Chemistry
- John William Daugherty, Akron
B.S.M.E. (University of Akron); M.S.M.E. (Northeastern University); M.S.
Dissertation: A Study of the Electrostatic Field and Charge Distribution in a Vortex Seeded with Dust
Field of Specialization: Mechanical Engineering
- Richard Jay DeNeale, Washington, D. C.
B.S. in Phar. (University of Maryland)
Dissertation: A Study on the Configuration and Hydrolysis of Some Oxazolidines Derived from the Ephedrines
Field of Specialization: Pharmacy
- Quey-Ing Feng Deng, Taipei, Taiwan
B.S. (National Taiwan University)
Dissertation: Enzymes of Thymidine and Uridine Phosphorylation in Higher Plants
Field of Specialization: Biochemistry
- Anthony Joseph Dennis, Springfield
B.S.
Dissertation: Alteration of Lymphocyte Response Using Membrane Active Compounds
Field of Specialization: Microbiology
- Anita Dinesh Dighe, Baroda, India
B.A., M.A. (University of Baroda); M.A.
Dissertation: An Analysis of Associative Meaning in an Intercultural Setting—American and Indian Students in the United States
Field of Specialization: Speech Communication

Barbara Kay Dommert, Baytown, Tex.
B.S. in H.Ec. (Stephen F. Austin State College); M.S.
Dissertation: The Effect of Early Experiences in Teacher Education on Students' Perceptions of the Teaching Role and of the Home Economics Teacher's Role
Field of Specialization: Home Economics

Bruce Alan Drum, Bryan
B.S.
Dissertation: Additivity of the Stiles-Crawford Effect for a Fraunhofer Image
Field of Specialization: Biophysics

Sebastian Albert Dybowski, Jr., Santa Fe, N. M.
B.S. (Saint Michael's College)
Dissertation: Assessment of Meaning for a Membership Role
Field of Specialization: Psychology

Charles Edward Eaker, Columbus
B.A. (Capital University)
Dissertation: A Defense of Monadic Deontic Logic
Field of Specialization: Philosophy

Janet Betz Ebert, Columbus
B.S.Ed., M.A.
Dissertation: Humanities Programs and Courses 1968-1972
Field of Specialization: Music

Karl Albert Egge, Billings, Mont.
B.A. Econ. (Montana State University); M.A.
Dissertation: White-Black Differences in Hours of Work Supplied by Men 45 to 59 Years of Age
Field of Specialization: Economics

James Richard Eifert, Dayton
B.S. in Met.Eng. (University of Notre Dame); M.S.
Dissertation: Gravimetric Analysis of the Austenite/Ferrite Transformation in Iron and Inro-Molybdenum Alloys
Field of Specialization: Metallurgical Engineering

Ahmed Nabil Abdallah El-Refai, Giza, U.A.R.
B.Sc. (Ain Shams University); Higher Diploma (Cairo University); M.S.
Dissertation: Time Dependent Deformation of Cohesive Soils
Field of Specialization: Civil Engineering

Richard John Emerine, II, Columbus
B.S.Bus.Ad., M.A.
Dissertation: Variable Returns to Scale Production Functions and Technological Change
Field of Specialization: Economics

Randall Wayne Engle, Dunbar, W. Va.
B.A. (West Virginia State College); M.A.
Dissertation: The Interaction Between Presentation Rate; Retention Test, and the Negative Recency Effect
Field of Specialization: Psychology

Kenneth Earl Eye, Columbus
B.S. (Fort Hays Kansas State College); B.S.Ed.; M.Ed. (Xavier University)
Dissertation: Indications of White Racism
Field of Specialization: Education

Jesse Robert Fairbanks, Columbus
B.S.Ed., M.A.
Dissertation: The Relationship of Selected Secondary School and Non-School Variates to Post-School Employability
Field of Specialization: Education

Phyllis Clay Falk, Dallas, Tex.
A.B. (Wheaton College); M.A. (Texas Woman's University)
Dissertation: Variation in Characteristics of Participants in an Informal and a Conventional Teacher Training Program
Field of Specialization: Education

John Joseph Fenstermaker, Glenview, Ill.
B.A., M.A.
Dissertation: Dickens Criticism 1940-1970: An Analytical Subject Index
Field of Specialization: English

Gary Lee Flinn, Houston
B.S.Agr., M.S.
Dissertation: The Effect of Time, Temperature and Level of Ascorbic Acid Fortification on the Color of Tomato Juice
Field of Specialization: Horticulture

Ronald Lee Foreman, Castalia
B.S. Agr.; M.Ed. (Kent State University)
Dissertation: Relationship of an Early Placement Program to the Successful Transition from School to Full-Time Employment
Field of Specialization: Agricultural Education

Joel Bernard Friedman, Columbus
B.S.Ed., M.A.
Dissertation: Evaluation of Processes for Improvement of Instructional Supervision
Field of Specialization: Education

James Delbert Fullen, Newark
B.A., M.A.
Dissertation: Perceptions of the Language Arts Education in the Ohio Two-Year Technical College Programs
Field of Specialization: Education

Rodolfo Garcia, East Lansing, Mich.
B.S.Ed. (Bowling Green State University); A.M. (Indiana University)
Dissertation: Language Interference and Socioeconomic Status as Factors in the Acquisition of Standard Oral English of Mexican American and Anglo Migrant Children
Field of Specialization: Education

Adam Kepple Gehr, State College, Pa.
B.A., M.A. (Miami University)
Dissertation: Some Tests of Simple Income Determination Models
Field of Specialization: Economics

David Hausmann Gelperin, New York, N. Y.
B.A. (Carleton College); M.S.
Dissertation: Clause Deletion in Resolution Theorem Proving
Field of Specialization: Computer and Information Science

Paul Thomas Giblin, Huntington, N. Y.
B.A. (Johns Hopkins University); M.A.
Dissertation: The Development of Recursive Thinking and Altruism in Boys Grades One, Three and Five
Field of Specialization: Psychology

William Warren Gilbert, Chicago, Ill.
B.A. (DePaul University); M.A.
Dissertation: Ethical Risk as a Behavioral Predictor in a Prison Population
Field of Specialization: Psychology

Donald Allen Goer, Brooklyn, N. Y.
B.S. (Brooklyn College); M.S.
Dissertation: A Neutron Diffraction Study of Antiferromagnetic Cobaltous Oxide with Nuclear Polarization from the HFS Interaction, in the Region 0.3-4.2K
Field of Specialization: Physics

Matthew John Golis, Columbus
B.E.E., M.S.
Dissertation: Reference Phase Modulation Effects in Optical Holography
Field of Specialization: Electrical Engineering

William John Gorse, Euclid
B.S.Ed., M.A.
Dissertation: Deviance in a Small Town: A Study of Progress and Anomie
Field of Specialization: Education

William Brent Green, Abilene, Tex.
B.F.A. (University of Texas); M.F.A. (University of Oklahoma)
Dissertation: Some Curriculum Consequences of Two Theories of Aesthetic Criticism
Field of Specialization: Art Education

Jorge Arciniega Guzman, Mexico, F. D., Mexico
Ing.Quim. (National University of Mexico); M.S.
Dissertation: Vapor-Liquid Equilibrium Relations in Non-Ideal Systems The Binary Systems: Hexamethyldisiloxane-Toluene Hexamethyldisiloxane—Ethyl Alcohol and Ethyl Alcohol-Toluene at 40, 50, 60 and 70°C
Field of Specialization: Chemical Engineering

Sydney Owen Hall, Springfield, Mass.
B.S., M.S. (Springfield College of Massachusetts)
Dissertation: The Role of Physical Education in the Nation-Building Process in Kenya
Field of Specialization: Physical Education

Hayward Orlan Handy, Huntsville, Ala.
B.S. (Alabama State College); M.A. (Fisk University); Ed.S. (George Peabody College for Teachers)
Dissertation: The Influence of Student Feedback on Achievement During Varied Contexts of Lecturing Sessions
Field of Specialization: Education

Bonnie Motter Harmony, Columbus
B.S.Ed., M.Ed. (Bowling Green State University)
Dissertation: The Effect of a Concentrated Physical Education Program on Children Classified as Trainable Mentally Retarded
Field of Specialization: Education

Trudier Harris, Tuscaloosa, Ala.
A.B. (Stillman College); M.A.
Dissertation: The Tie That Binds: A Study of the Use of Folklore in the Fiction of Charles Waddell Chesnutt, Jean Toomer and Ralph Ellison
Field of Specialization: English

Thomas Charles Hartrum, Cambridge
B.E.E., M.S.
Dissertation: Computer Implementation of a Parametric Model for Biped Locomotion Kinematics
Field of Specialization: Electrical Engineering

Robert Ralph Haynes, Columbus
B.S. (Louisiana Polytechnic Institute); M.S. (University of Southwestern Louisiana)
Dissertation: A Revision of North American *Potamogeton* Subsection *Pusilli* (Potamogetonaceae)
Field of Specialization: Botany

Francis Eugene Hazard, Canton
B.S.Ed., M.Ed. (Kent State University)
Dissertation: Public Expectations of a University Branch Campus
Field of Specialization: Education

Fred Joseph Hellinger, Norfolk, Va.
B.A. (University of Florida); M.S.
Dissertation: Hospital Production Functions
Field of Specialization: Economics

Eve Griffith Herold, Columbus
A.B. (Oberlin College); M.A.
Dissertation: A Study of the Bildungsroman in American Literature
Field of Specialization: English

Lynn B. Hetland, Billings, Mont.
B.A. (Eastern Montana College); M.S.
Dissertation: Effects of Ethanol on Glutethimide Absorption, Distribution and Metabolism in Relationship to a Mechanism for Toxicity Enhancement
Field of Specialization: Pharmacology

Richard Gordon Hoagland, Columbus
Metal. Eng. (Colorado School of Mines); M.S. In Materials Sc. (Washington State University)
Dissertation: Atomic Simulation of the $\frac{a}{2} \langle 110 \rangle \{110\}$ Edge Dislocation in the NaCl Lattice
Field of Specialization: Metallurgical Engineering

Vivian Cornelia Hogan, Norfolk, Va.
B.S. (Virginia State College); M.S.
Dissertation: Electron Transport and Manganese Oxidation in *Leptothrix discophorus*
Field of Specialization: Microbiology

Phillip Kent Holdaway, Provo, Utah
B.S., M.S. (Brigham Young University)
Dissertation: A Study of Bias in Holstein-Friesian Sire Proofs Due to Selection of Mates in Ohio Dairy Herds
Field of Specialization: Dairy Science

David Lynn Howell, Washington, Mich.
B.S. (Michigan State University); M.Ed. (Pennsylvania State University)
Dissertation: The Effect of a Student Manual on the Attitudes of High School Students Toward Environmental Protection
Field of Specialization: Agricultural Education

- Enbrey Bernard Howson, Columbus
A.B. (Transylvania College); M.A.
Dissertation: Jacob Sechler Coxey: A Biography of a Monetary Reformer, 1854-1951
Field of Specialization: History
- Carey Hughley, Jr., Hampton, Va.
B.S. (Hampton Institute); M.S. (University of Massachusetts, Amherst)
Dissertation: Modification of Teaching Behaviors in Physical Education
Field of Specialization: Physical Education
- Lavern Floyd Hurlburt, Wattsburg, Pa.
B.S., M.Ed. (Slippery Rock State College)
Dissertation: The Objectives of Interscholastic Athletics for Boys in Central Ohio as Perceived by Societal Publics of Different Community Types
Field of Specialization: Physical Education
- Ernest Alfred Husarik, Jr., Columbus
B.A. (Olivet Nazarene College); M.Sc. (Northern Illinois University)
Dissertation: A Study of Lay Citizen Leadership in Project Unite: Columbus Public School August 1971 through August 1972
Field of Specialization: Education
- William Driscoll Hussey, Manchester, N. H.
A.B. (Saint Anselm College); M.A.
Dissertation: Politics and Poetry in the First Two Hymns of Callimachus
Field of Specialization: Classics
- Thomas Eugene Hyde, Columbus
B.S.Ed., M.Ed. (Kent State University)
Dissertation: Scales for Predicting Student Success in High School Vocational Programs
Field of Specialization: Education
- Sarah Mae Johnston, Columbus
B.A. (Maryville College); M.A.
Dissertation: Edwin Sandys' Role in the Anglican Reformation
Field of Specialization: History
- Fang-Yuan Jou, Taipei, Taiwan
B.S. (National Taiwan Normal University); M.S. (Tsinghua University)
Dissertation: The Solvated Electron in Ethers and in Their Binary Solutions
Field of Specialization: Chemistry
- Janardan Vithal Juvarkar, Bombay, India
B.S. (University of Bombay); B.Pharm. (Gujarat University)
Dissertation: I The Structure of Chelocardin; II Investigation of the Antimicrobial Agents from *Solanum pseudocapsicum* L.
Field of Specialization: Pharmacy
- Edgar Martins Kauffmann, Sao Paulo, Brazil
Eng. Civil (Universidade Mackenzie); M.S.
Dissertation: The Application of Fracture Mechanics Concepts to Predict Cracking of Flexible Pavements
Field of Specialization: Civil Engineering
- David John Keil, Lombard, Ill.
B.S., M.S. (Arizona State University)
Dissertation: A Re-Evaluation of *Pectis* L. Subgenus *Pectidopsis* (DC.) Fernald (Compositae: Pectidinae)
Field of Specialization: Botany
- Wayne Gilbert Kerns, Wellsville
B.S.Ed., M.A.
Dissertation: A Study of Present and Ideal Counselor Roles in Ohio's Public-Assisted Technical Colleges
Field of Specialization: Education
- John Clayton Klippert, Alliance
A.B. (Western Reserve University); M.S.
Dissertation: Necessary and Sufficient Conditions for the Uniform Convergence of Interpolating Polynomials to Functions in $C^*_T(w)$
Field of Specialization: Mathematics
- Stanley Michael Kravitz, Columbus
B.S.Ed., M.A.
Dissertation: Graduate Training of School Psychologists: Meeting the Needs of Teachers and Principals
Field of Specialization: Psychology
- Henry Gary Kuhlmann, Columbus
B.S.Bus.Adm., M.B.A.
Dissertation: A Study of the Attitudes Toward Women in Business
Field of Specialization: Business Administration
- Zenon Michael Kuk, Athens
M.A. (University of Chicago)
Dissertation: Tolstoy's War and Peace and Zeromskis Ashes: A Comparative Study
Field of Specialization: Slavic Languages and Literatures
- Earl Wade Lehman, Bluffton
B.S.M. (Bluffton College); M.A.
Dissertation: A Study of the Effectiveness of the Music Curricula of the Liberal Arts Colleges Affiliated with The Mennonite Church
Field of Specialization: Music
- Robert Dwaine Leighty, Hanover, N. H.
B.S. (Virginia Military Institute); M.S.C.E. (Purdue University)
Dissertation: A Logical Approach Towards Terrain Pattern Recognition for Engineering Purposes
Field of Specialization: Civil Engineering
- John J. Light, Logan
B.S.Ed., M.A. (Kent State University)
Dissertation: The Development of Technical Institutes in Ohio
Field of Specialization: Education
- Virginia Hibbett Lucas, Kettering
B.S.Ed. (Wittenberg University); M.Ed. (Miami University)
Dissertation: Development of an Informal Reading Assessment Inventory for Teachers Trained in Directive Teaching
Field of Specialization: Education
- Hugh Mailer, Columbus
B.Sc. (Glasgow University, Scotland); M.S.
Dissertation: The Effects of Electric, Magnetic and Acoustic Fields, on the Optical and NMR Properties of the Nematic Liquid Crystal P-Methoxybenzylidene P-N-Butylaniline
Field of Specialization: Physics

Stanley Tien Marcus, Columbus
A.B.Ed. (University of Michigan) ; M.A.
Dissertation: The Effect of Varying Incentive and Degree of Learner Control in Providing Computerized Help with Essential Mathematics Required in Chemistry (CHEMRIC)
Field of Specialization: Education (Science)

Edward William Matthews, Marion
B.S. Ed., M.A.
Dissertation: A Study of Critical Requirements for School Psychologists
Field of Specialization: Education

Gerald Edwin Matyk, Parma
B.A. (John Carroll University) ; M.S.
Dissertation: An Experimental Investigation of Boundary Interference at Subsonic Speeds in a Two-Dimensional Perforated-Wall Wind Tunnel
Field of Specialization: Aeronautical and Astronautical Engineering

Penelope Lee Maza, Toledo
B.A., M.A.
Dissertation: The Effect of the Counter-Culture on Working-Class Mobility: A Test of the "Bluing" of America
Field of Specialization: Sociology

Donald Eugene McCormack, Worthington
B.S., M.S. (University of Illinois)
Dissertation: Properties of Canfield and Geeburg Soils, and Their Engineering Behavior
Field of Specialization: Agronomy

William George McGuire, Greenfield, Wis.
B.S. (Marquette University)
Dissertation: Sulfur Storage in *Neurospora crassa*: Regulation of Choline-O-sulfate Metabolism in Several Developmental Stages
Field of Specialization: Biochemistry

Claude Truman McIntosh, Arlington, Tex.
B.A., M.A. (Texas Christian University)
Dissertation: French Diplomacy During the War of Devolution, 1667-68, the Triple Alliance, 1668, and the Treaty of Aix-la-Chapelle, 1668
Field of Specialization: History

Helen Garrison McLaughlin, Morgantown, W. Va.
B.A. (Swarthmore College) ; M.A.
Dissertation: The Effect of Videotape Modeling, Oral Information and Written Information, on the Future Time Perspective and Counseling-Seeking Behavior of Women College Students
Field of Specialization: Psychology

Alexandra Claudia Melnyk, Columbus
B.A., M.S. (Western Reserve University)
Dissertation: Macrocyclic Chelate Iron Complex as an Effective Model of Catalase
Field of Specialization: Chemistry

Robert Bruce Miller, St. Paris
B.S.Phys., M.S.
Dissertation: Conversion Electron Line Shape Analysis and Applications to Mossbauer Spectroscopy
Field of Specialization: Nuclear Engineering

Thomas Ludwig Minnick, Parma
B.A., M.A.
Dissertation: On Blake and Milton: An Essay in Literary Relationship
Field of Specialization: English

Mary Irene Moffitt, Reynoldsburg
B.A. (Chatham College) ; M.A. (University of Wisconsin)
Dissertation: A Critical Overview of Approaches to Teaching: A New Teacher for a New Time?
Field of Specialization: Education

Barbara Morse, Ithaca, N. Y.
B.S. (Skidmore College) ; M.A. (Cornell University)
Dissertation: Identity Status in College Women in Relation to Perceived Parent-Child Relationships
Field of Specialization: Psychology

Martha Crawford Muncrief, Camden, S. C.
B.S. (Furman University) ; M.S. (Cornell University)
Dissertation: Work Adjustment of Vocational Education Teachers
Field of Specialization: Education

Sushil Gajendrarai Munshi, Ahmedabad, India
B.E. (Gujarat University) ; M.S. in E.E. (University of Kentucky)
Dissertation: Blocking Probability in Non-Symmetric Multistage Networks
Field of Specialization: Electrical Engineering

Jeanette Riker Nappier, Toledo
B.S. (University of Toledo) ; M.S.
Dissertation: Nickel (II) Complexes of a Phosphorus-Nitrogen Macrocyclic Ligand; Palladium and Nickel (II) Complexes of Polydentate Ligands Containing Phosphorus and Sulfur
Field of Specialization: Chemistry

Gerald Ira Nehman, Columbus
B.S. (Rutgers University) ; M.S. (University of Rhode Island)
Dissertation: Small Farmer Credit Use in a Depressed Community of Sao Paulo, Brazil
Field of Specialization: Agricultural Economics and Rural Sociology

Lawrence Howard Newcomb, Blacksburg, Va.
B.S., M.Ed. (Virginia Polytechnic Institute)
Dissertation: The Effect of Contract Grading on Student Performance
Field of Specialization: Agricultural Education

Gilbert William Nichols, Mount Pleasant, Ia.
A.B. (Drury College) ; M.A. (University of Kansas City)
Dissertation: A Graphic and Phonemic Analysis of Primer Level Words
Field of Specialization: Education

Larry Wesley Noggle, Greenville
B.M.E. (General Motors Institute) ; M.S.
Dissertation: Dynamic Response Studies Utilizing Inherent Noise and Analytical Transfer Functions for the Experimental Breeder Reactor-II
Field of Specialization: Nuclear Engineering

- Barbara D. Norris, Fort Mitchell, Ky.
A.B. (Asbury College); M.A. (George Peabody College for Teachers)
Dissertation: An Assessment of the Secondary Schools Related to the United Methodist Church in the Democratic Republic of the Congo
Field of Specialization: Education
- Eugene Irving Odell, Grand Haven, Mich.
B.S.E. (University of Michigan); M.S.
Dissertation: Numerical Solution of a Deep Drawing Problem
Field of Specialization: Engineering Mechanics
- Victor Noboru Okada, New York, N. Y.
B.A. (University of Hawaii); M.A. (New York University)
Dissertation: A Critical Study of Jonathan Swift's Poetry
Field of Specialization: English
- Thomas Joseph Palardy, Springfield
B.S.Ed., M.A.
Dissertation: The Impact of an Intense Program of Spatial and Temporal Concepts on the Measured Intelligence of Preschool Children
Field of Specialization: Education
- Phyllis Marynick Palmer, Columbus
A.B. (Oberlin College); M.A.
Dissertation: Case Study of a Reformer: Frances Wright O'Arusmont
Field of Specialization: History
- Iby Arvatti Pedroso, Piracicaba, Brazil
B.S. (Escola Superior de Agricultura "Luiz de Queiroz"); M.S. (Cornell University)
Dissertation: Resource Accumulation and Economics of Scale in Agriculture—The Case of Sao Paulo, Brazil
Field of Specialization: Agricultural Economics and Rural Sociology
- Karl Pemper, Madison, Wis.
B.S., M.S.W. (University of Illinois)
Dissertation: Cognitive Control Among Alcoholics and Nonalcoholics
Field of Specialization: Psychology
- Vincent Pastor Peries, Negomba, Ceylon
B.A. (University of Ceylon); M.A.
Dissertation: Sub-maximal Cardiovascular Endurance of Trainable Mentally Retarded Boys
Field of Specialization: Physical Education
- William Robert Pfouts, Pittsburgh, Pa.
B.S. (M.E.) (University of Notre Dame); M.S.
Dissertation: Reaction Diffusion in the Silver-Zinc System
Field of Specialization: Metallurgical Engineering
- Jaime Ramirez-Barbot, Mayaguez, Puerto Rico
B.A. (University of Puerto Rico); M.A. (University of Iowa)
Dissertation: A History of Puerto Rican Radical Nationalism, 1920-1965
Field of Specialization: History
- Hee Min Rhee, Choongnam, Korea
B.S.Ph. (Chungang University); M.S.
Dissertation: Subcellular Distribution of Ouabain and Changes in the NaK ATPase Activity in Relation to the Pharmacological Effects of Ouabain in Dog: Effect of DPH and KCl Infusion
Field of Specialization: Pharmacology
- Larry Lynn Rhoades, Westerville
B.M., M.M. (College Conservatory of Music of Cincinnati)
Dissertation: Theme and Variation in Twentieth-Century Organ Literature: Analyses of Variations by Alain, Barber, Distler, Dupre, Durufle and Sowerby
Field of Specialization: Music
- Albert George Richards, Trinidad, West Indies
B.A. (Xavier University); M.A.
Dissertation: The *Aeneid* and the *Quijote*: Artistic Parody and Ideological Affinity
Field of Specialization: Romance Languages
- Thomas Edward Rinkevich, Grand Rapids, Mich.
B.A. (Xavier University); M.A.
Dissertation: Comic Structure in Theocritus 1-7
Field of Specialization: Classics
- Timothy Michael Riordan, Cincinnati
B.A. (Loyola University); M.Ed. (Xavier University)
Dissertation: A View of Self in the Teaching-Learning Process: Self Development as an Approach to the Education of Teachers
Field of Specialization: Education
- Donald Joseph Roberts, Columbus
B.A., M.A. (Marshall University)
Dissertation: Developing an Interaction Matrix (Intermat) for School-Community Relations
Field of Specialization: Education
- Clarence Edward Roeske, Tigerton, Wis.
B.S. (Saint Norbert College); M.A.
Dissertation: The Land-Grant Philosophy: Historical Implications in Its Changing Definition Through the American Experience
Field of Specialization: Education
- Robert Frederick Rubeck, Columbus
B.A., M.A. (State University of New York at Buffalo)
Dissertation: A Critical Analysis of Instructional Simulation
Field of Specialization: Education
- Colleen Anne Ryan, Columbus
B.S.Ed., M.S. (University of Kansas)
Dissertation: An Examination of Two Internal-External Locus of Control Dimensions and Stated Reinforcement Preference in Urban Junior College Students by Sex and Ethnic Identity
Field of Specialization: Psychology
- Mary Ellen Meikle Kindell St. John, Middletown
B.A. (College of Wooster); A.M. (Indiana University)
Dissertation: Shell Growth and Variation in the *Actinonaias ligamentina* (Lamarck, 1819) Complex (Mollusca: Bivalvia: Unionidae)
Field of Specialization: Zoology

Ronald P. Schlegel, Windsor, Ont., Canada
B.A. (University of Western Ontario); M.S. (University of Illinois)
Dissertation: Multidimensional Measurement and Structure of Attitudes Toward Smoking Marijuana with Prediction of Marijuana Use
Field of Specialization: Physical Education (Health Education)

Jane Harriet Schwar, Columbus
B.A. (Northwestern University); M.A.
Dissertation: Interventionist Propaganda and Pressure Groups in the United States, 1937-1941
Field of Specialization: History

Jerrold Joseph Schwartz, Philadelphia, Pa.
B.S. in B.A. (Drexel Institute of Technology); M.A.
Dissertation: Leopold Maxse and the British Unionist Party: 1906-1914
Field of Specialization: History

James Aldine Shane, Lexington
B.S.Agr., M.A.
Dissertation: Administrative Organizational Structures and Community College Comprehensiveness
Field of Specialization: Agricultural Education

Jai Singh Sharma, Rohtak, India
B.Sc. (East Panjab University); B.V.Sc. (Panjab University); M.Sc. (V.M. and A.H.) (Punjab Agricultural University)
Dissertation: Estimates of Genetic Parameters of Live and Carcass Traits of Lamb
Field of Specialization: Animal Science

William Ian Siegmund, Summit, N. J.
B.A., M.A. (Columbia University)
Dissertation: A Comparative Study of the Earl Brand Ballard and Its Danish and Icelandic Analogues
Field of Specialization: English

Robert Mitchell Simmons, Lexington, Ky.
B.A. (Kentucky State College); M.A. (Eastern Kentucky University)
Dissertation: An Exploratory Study of Undergraduates' Attitudinal Changes During an Inner-City Teacher Preparation Program
Field of Specialization: Education

Inder Jit Singh, Panjab, India
B.A. (Panjab University); M.Sc. (University of Rajputana); M.Sc. (University of Salford)
Dissertation: Infrared Sensitive Trap Distribution in Semiconductors
Field of Specialization: Electrical Engineering

Larry Lee Slonaker, Worthington
B.S.Ed., M.A.
Dissertation: A Study of Personality Characteristics, Free Association Responses and the Communication Behaviors of Professional Communication Receivers and Senders in the Interview
Field of Specialization: Speech Communication

Bernard Thomas Smith, Columbus
B.S.
Dissertation: Far-Infrared Absorption of Some Orthoferrites
Field of Specialization: Physics

Donald Neil Snarr, Wilmington
B.A., B.D. (Anderson College); Th.D. (Iliff School of Theology); M.A. (University of Denver)
Dissertation: Social Action and Professionalism Among Protestant Clergy
Field of Specialization: Sociology

John Thomas Somerville, New Knoxville
B.A. (Hiram College); M.A. (East Carolina University)
Dissertation: A Study of Beliefs Held by Former Football Players Concerning Their College Football Experiences
Field of Specialization: Physical Education

Antoine Ernest Spacagna, Paris, France
M.A. (Emory University)
Dissertation: Entre le oui et le non Essai sur la structure du theatre de Marivaux
Field of Specialization: Romance Languages

Lee Irving Spade, Indianapolis, Ind.
B.S.Ed. (Butler University); M.A.
Dissertation: School Personnels' Perceptions of Proposed Psychological Services in the Schools
Field of Specialization: Psychology

Mildred James Stauffer, Sebastopol, Calif.
B.E., M.A. (San Jose State College)
Dissertation: The Impact of Study Abroad Experience on Prospective Teachers
Field of Specialization: Education

Donald Wade Stevens, Indianapolis, Ind.
B.S. in Met.E. (University of Pittsburgh)
Dissertation: Diffusion-Induced Stresses and Plastic Definition
Field of Specialization: Metallurgical Engineering

Mac Arthur Stewart, Atlanta, Ga.
B.A. (Morehouse College); M.A. (Atlanta University)
Dissertation: An Analysis and Appraisal of Selected Variables of Black and White Financial Aid Recipients
Field of Specialization: Education

Anthony Strange, Hartwell, Ga.
B.S., M.S. (Fort Valley State College)
Dissertation: A Study of Teaching Performance of Degree and Non-Degree Teachers in the Manpower Development Training Centers in Ohio
Field of Specialization: Education

Paul Charles Stromberg, Worthington
B.S.
Dissertation: The Life History and Population Ecology of *Camallanus oxycephalus* Ward and Magath, 1916 (Nematoda: Camallanidae), In Fishes of Western Lake Erie
Field of Specialization: Zoology

Mary Ann Sullivan, Omaha, Neb.
B.A., M.A. (Rice University)
Dissertation: Worlds of Their Own: Space-Consciousness in the Works of Wordsworth, Byron, Shelley, and Keats
Field of Specialization: English

Pushpa Varumal Thadani, Bombay, India
B.S. (University of Bombay); M.Phil. (University of London)
Dissertation: Central Noradrenergic Mechanism of Acute and Chronic Ethanol with Observations on the Role of Acetaldehyde
Field of Specialization: Pharmacology

Louis Coleman Thaxton, Mt. Clemons, Mich.
B.S., M.A. (Michigan State University)
Dissertation: Youth with Special Needs in the Columbus
Public School System
Field of Specialization: Agricultural Education

Cecil Hayman Tillis, Columbus
B.A., M.A. (University of South Florida)
Dissertation: The Effect of "Interconsonantal Distance"
Upon the Recall of Prevocalic Consonants and Clusters
Field of Specialization: Speech Communication

Harriet Adams Transue, Columbus
B.A., M.A. (Bryn Mawr College)
Dissertation: The Sensation Years: The Literary
Character of England in the 1860's
Field of Specialization: English

Mahmoud Triki, Tunis, Tunisia
B.S.B.A. (Washington University); M.B.A. (American
University)
Dissertation: Perception of Role Strain by Outside
Salesmen
Field of Specialization: Business Administration

James Joseph Tritschler, Columbus
B.A. (Catholic University of America); M.A.
Dissertation: Three Variations on the History Play:
A Burkean Analysis
Field of Specialization: Theatre

Michael Lawrence Ulrey, Mt. Vernon
B.A. (Kenyon College); M.S.
Dissertation: Sequential Coding for Channels with
Feedback and a Coding Theorem for a Channel with
Several Senders and Receivers
Field of Specialization: Mathematics

Eileen Leitner Valeov, Fords, N. J.
A.B. (Rutgers University); M.A.
Dissertation: Defining the Therapeutic Problem: The
Effects of Type of Problem Formulation on the Outcome
of Six-Session Psychotherapy
Field of Specialization: Psychology

Kulakkatt S. Vijayan, Ernakulam, India
B.S., M.S. (University of Kerala); M.S.
Dissertation: A Nonexistence Theory for Association
Schemes and Symmetric Graphs
Field of Specialization: Mathematics

Jiunn-Yann Wang, Taipei, Taiwan
B.S. (National Taiwan University); M.S. (Tuskegee
Institute)
Dissertation: Catabolism of Selected Amino Acids in
Cheddar Cheese Slurries
Field of Specialization: Food Science and Nutrition

Wilbur St. Clair Wayman, Jr., Columbus
B.S.Bus.Ad.; M.B.A. (Syracuse University)
Dissertation: Comprehensive Logistics System Design
Model for a State Controlled Liquor Distribution System
Field of Specialization: Business Administration

Fredric Max Wild, Jr., Sebring, Fla.
B.A. (Emory University); M.A.
Dissertation: "A Plank in Reason:" Time, Space, and the
Perception of the Self in the Modern Novel
Field of Specialization: English

Darnell Williams, Columbus
B.S. (Bishop College); M.A., Cert. TESOL
Dissertation: An Investigation of Gullah Survivals in the
Speech and Cultural Patterns of Black Mississippians
Field of Specialization: Education

Hattie Rose Williams, Columbus
B.S. (Indiana Central College); M.Ed. (Ohio University)
Dissertation: Educational Guidance Activities in Selected
Secondary Grammar Schools of Western State, Nigeria
Field of Specialization: Education

Leon Egbert Winget, Jr., Chillicothe
B.M.E., M.S.
Dissertation: Transpiration Cooling - An Integral Method
Incorporating an Exponential Profile
Field of Specialization: Mechanical Engineering

John James Withey, Grove City
B.S. (Indiana University); M.B.A. (Michigan State
University)
Dissertation: The Task Environment and Organization
Structure: A Physical Distribution Example
Field of Specialization: Business Administration

Elmer William Yoest, Columbus
B.S.Ed. (Otterbein College); M.A.
Dissertation: Relationships between Cardiovascular
Fitness and Selected Body Measurements of Eighth Grade
Boys and College Men
Field of Specialization: Physical Education

Chung Yu, Hong Kong
B.E. (McGill University); M.S.
Dissertation: Characteristics of Forward-and-Backward
Traveling-Wave Parametric Interactions
Field of Specialization: Electrical Engineering

Gregory John Yurek, Columbus
B.S., M.S. (Pennsylvania State University)
Dissertation: Solid-State Displacement Reactions between
Metals and Oxides
Field of Specialization: Metallurgical Engineering

Gary Oakley Zerbe, Denver, Colo.
B.S., M.S.
Dissertation: Comparison of Growth Curves for Subjects
Measured at Different Times and Modeled with
Polynomials of Different Degree
Field of Specialization: Biostatistics

Gerald William Zimmerman, Indianapolis, Ind.
B.S. (Capital University); M.S.
Dissertation: The Effects of Manganese as an Antagonist
of Calcium Permeability in Frog Ventricular Muscle
Field of Specialization: Physiology

Master of Accounting

Four candidates

James LeRoy Gesler, Columbus
B.S.Bus.Adm.
Field of Specialization: Accounting

Michael Fook-Chuen Mak,
Kowloon, Hong Kong
B.B.A. (University of Oregon)
Field of Specialization: Accounting

Edward Frank Mears, Sandusky
B.S.Bus.Adm.
Field of Specialization: Accounting

Giles Clement Wooding,
St. Lucia, West Indies
B. Commerce (Sir George Williams
University, Canada)
Field of Specialization: Accounting

Master of Architecture

Three candidates

Gerry Norman Bird, Columbus
B.Arch. (Miami University)
Field of Specialization: Architecture

Henry D'Antonio, Wharton, N. J.
B.A.Arch. (Ohio University)
Field of Specialization: Architecture

Arden Arthur Ferrell, Westerville
B.A.Arch. (Ohio University)
Field of Specialization: Architecture

Master of Arts

Two hundred and ninety-four candidates

Mauricio Almeida Abreu,
Rio de Janeiro, Brazil
Licentiate (Federal Universidad do
Rio de Janeiro, Brazil)
Field of Specialization: Geography

John Alexander Agnew,
Millom, England
B.A. (University of Exeter, England)
Field of Specialization: Geography

James Joseph Ahern, Jr.,
North Olmsted
B.A. (Roanoke College)
Field of Specialization: History

Dorothy Lee Amsler,
Fairmont, W. Va.
B.A. (Alverno College)
Field of Specialization: English

Mark Eugene Amsler, Wheaton, Md.
B.A. (Johns Hopkins University)
Field of Specialization: English

David Scott Anderson,
Falls Church, Va.
B.S. (Duke University)
Field of Specialization: Education

Donald Clark Anderson, Toledo
B.A.
Field of Specialization: Public
Administration

Robert J. Armour, Goodwater, Ala.
B.A. (Fisk University)
Field of Specialization: Education

Carol Barlowe Arthur, Lima
B.S.Ed.
Field of Specialization: Education

Amiah Barak, Bnei-Brak, Israel
B.A. (Bar-Ilan University, Israel)
Field of Specialization: Education

Israel Leonard Barak,
Bnei-Brak, Israel
B.A. (Bar-Ilan University, Israel)
Field of Specialization: Sociology

Michal Barszap, Jersey City, N. J.
B.A. (Saint Peters College)
Field of Specialization: Slavic
Languages

Katharina Baum, Mansfield
B.S.Ed. (Wittenberg University)
Field of Specialization: Education

Barbara Jean Beer, Mansfield
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Linda Higgins Berthold, Columbus
B.S.Ed.
Field of Specialization: Education

Nikolaus Bezruczko, Fayette
B.A.
Field of Specialization: Education

David George Bick, Loudonville
B.S.Ed. (Bowling Green State
University)
Field of Specialization: Education

Elizabeth Shreve Bishop,
Ann Arbor, Mich.
A.B. (University of Michigan)
Field of Specialization: Psychology

Glade McKay Bishop, Lincoln, Neb.
B.S. (United States Military
Academy)
Field of Specialization: Business
Administration

Beth Broidy Black, Columbus
B.S.Soc.Wel.
Field of Specialization: Education

Pera Bodas, Dayton
B.S. in Ed. (University of Dayton)
Field of Specialization: Slavic
Languages

Andrew Roger Bodman,
Porlock, England
B.A. (University of Cambridge,
England)
Field of Specialization: Geography

Suzanne Slater Boening, Grove City
B.S. (Saint Francis College, Indiana)
Field of Specialization: Education

Jane Boucher, Columbus
B.S.Ed.
Field of Specialization: Education

Douglas Gene Boyd, Dayton
B.S.Ed. (Wright State University)
Field of Specialization: Political
Science

William Arthur Boyd, Elyria
B.A.
Field of Specialization: Romance
Languages

Stuart Ira Bretschneider,
Hillsdale, N. J.
B.A. (Allegheny College)
Field of Specialization: History

Stefan Jack Broidy, Columbus
B.A., B.S.Ed.
Field of Specialization: Education

Thomas Marc Broitman,
Jericho, N. Y.
B.A. (University of Hartford)
Field of Specialization: Education

Joyce Jeanette Brookhart, Lima
B.A. (Cedarville College)
Field of Specialization: Psychology

Michael Steven Brown, Columbus
B.S.
Field of Specialization: Education

Dennis Joseph Buchholz,
Cleveland Heights
B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology

*Erie Robert Bush, Wellsville
Field of Specialization: Philosophy

John Adin Butterfield, Warren
B.A. (Miami University)
Field of Specialization: Journalism

Ronald William Cameron, Columbus
B.S. (Miami University)
Field of Specialization: Education

Joseph Allan Carey, Columbus
B.A.
Field of Specialization: Sociology

* Also Bachelor of Arts, Colleges of the
Arts and Sciences

James Raymond Carroll, Cincinnati
B.A.
Field of Specialization: Anthropology

James Edward Ceculski, Columbus
A.B. (West Liberty State College)
Field of Specialization: Education

Calvin Woodrow Cheatham, Jr.,
Richmond, Va.
B.S. (Virginia State College)
*Field of Specialization: Public
Administration*

Yun-Ming Grace Chen,
Taipei, Taiwan
B.A. (National Chengchi University)
Field of Specialization: Journalism

Gail Donna Chermak,
Brooklyn, N. Y.
B.A. (State University of New York,
Buffalo)
*Field of Specialization: Speech
Communication*

John Vincent Cimprich, Jr.,
Trenton
A.B. (Thomas More College)
Field of Specialization: History

James Ralston Clark, Columbus
B.F.A., M.F.A.
*Field of Specialization: Expanded
Arts*

Janet Sedgwick Clawson, Columbus
B.S. (Oregon State University)
Field of Specialization: Education

Linda Crawford Cloud, Fairborn
A.B. (Heidelberg College)
Field of Specialization: Journalism

Sean Kevin Code, Johnstown, Pa.
B.A. (Saint Vincent College)
Field of Specialization: Journalism

Deighton Eugene Colvin,
Raleigh, W. Va.
B.A. (West Virginia State College)
*Field of Specialization: Romance
Languages*

Donald Steven Conkle, Reynoldsburg
A.B. (Oberlin College)
Field of Specialization: English

Thomas Bernard Connery, Columbus
B.A., B.S.Ed.
Field of Specialization: Journalism

Clayton Douglas Cormany, Columbus
B.A. (Ohio Wesleyan University)
*Field of Specialization: Speech
Communication*

Kathryn Marie Craig, Wayne, Pa.
B.A. (Carleton College)
Field of Specialization: Education

William Lee Curlis, Columbus
B.S.Ed.
Field of Specialization: History

Frances Ellena Curtis,
Philadelphia, Pa.
B.S. (Norfolk State College)
Field of Specialization: Education

James Alan Dennison, Fairview Park
A.B. (Borromeo Seminary of Ohio)
*Field of Specialization: Speech
Communication*

Robert Louis DiBella, Columbus
B.S.Ed.
Field of Specialization: Education

Alice Goergen Dickson, Berea
B.S.Ed.
Field of Specialization: Education

Betsy Ray Dimond, Columbus
B.S.Ed.
Field of Specialization: Education

Patti Sue Dodds, Pittsford, N. Y.
B.S. (Western Illinois University)
*Field of Specialization: Physical
Education*

Jerry Dunlap, Elyria
B.S. in Ed. (Ashland College)
Field of Specialization: Education

Timothy Eugene Dykstra,
Holland, Mich.
A.B. (Hope College)
Field of Specialization: English

Cecil Leroy Elliott, Columbus
B.A. (Otterbein College)
Field of Specialization: Education

Ernest James Estice, Columbus
B.S.Ed. (Otterbein College)
Field of Specialization: Education

Beth Sharrock Evans, Columbus
B.S.Ed.
Field of Specialization: Education

Stuart Brand Ferbrache, Scio
B.S.
Field of Specialization: Education

Robert Milton Fessenden,
Brookline, N. H.
B.A. (University of New
Hampshire); M.A.
Field of Specialization: Education

John Kenneth Fischer, St. Louis, Mo.
B.S. (Saint Louis University)
Field of Specialization: Dance

William Franklin Fox, Oxford
B.S. (Miami University)
Field of Specialization: Economics

Helen Schoen Friend, Columbus
B.A.
Field of Specialization: Philosophy

Lawrence Keith Furbish, Bangor, Me.
B.A. (Colby College); M.A.
(University of Maine)
*Field of Specialization: Political
Science*

Thomas Maurice Ganser,
New Berlin, Wis.
B.A. (University of Wisconsin,
Milwaukee)
Field of Specialization: English

William Joseph Gathergood,
Monroeville
B.S.Ed.
Field of Specialization: Education

Suzanne Gedney, Dallas, Tex.
B.A. (Carleton College)
Field of Specialization: Education

Barbara Elizabeth Hamman Gladman,
Miamisburg
B.A.
*Field of Specialization: Romance
Languages*

Carol Lynn Glassman, Columbus
B.S.Ed.
Field of Specialization: Education

Francis Edward Glatfelter, Jr.,
Winter Park, Fla.
B.A. (University of Florida); M.C.P.
*Field of Specialization: Public
Administration*

Rita Haas Glavan, Columbus
A.B. (John Carroll University)
Field of Specialization: Education

Brian Padraic Glynn, Centerville
A.B. (Wilmington College)
*Field of Specialization: Romance
Languages*

Werner Goessling,
Bielefeld, West Germany
B.A. (Westfälische Wilhelms
University, West Germany)
Field of Specialization: Journalism

Eileen Praderio Gordon, Columbus
B.A. (West Virginia University)
Field of Specialization: Education

Terry Russell Gordon, Poland
B.S.Ed. (Youngstown State
University)
Field of Specialization: Education

Glenn William Gray, Ashville
B.S.Agr.
Field of Specialization: Education

Mary Jane Gray, Honolulu, Hawaii
B.A.
Field of Specialization: Education

Juandalyn Nancy Green,
San Diego, Calif.
B.S.Ed.
Field of Specialization: Education

Moses Green, Charleston, S. C.
B.A. (Bishop College)
Field of Specialization: English

Jeffrey Joseph Greenwood,
St. Cloud, Minn.
B.A. (University of Minnesota)
Field of Specialization: Psychology

Kathleen Clark Griffin, Warren
B.A. (Kalamazoo College)
Field of Specialization: Business
Administration

Patricia Carnes Grover, Columbus
B.S. in Ed. (Bowling Green State
University)
Field of Specialization: Education

Jerry Lowell Hakes, Hillsboro
B.A. (Miami University)
Field of Specialization: Journalism

Patricia Ann Bryan Hally, Toledo
B.S.Ed.
Field of Specialization: Education

Carole Lynne Hanshue, Newark
B.A. (Wittenberg University)
Field of Specialization: Education

Patricia Conners Harbarger,
Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Eric Weir Hartman, Columbus
B.S.Ed.
Field of Specialization: Education

James Edward Hawkins,
Newport News, Va.
B.A. (Oakwood College)
Field of Specialization: Speech
Communication

Patricia Lynn Hefner, Bay Village
B.A.
Field of Specialization: Education

Elizabeth Duke Heimbach,
Worthington
B.A. (Bryn Mawr College)
Field of Specialization: Classics

John Joseph Helwig, Keokuk, Ia.
B.S.Ed. (Western Illinois University)
Field of Specialization: Education

Charlotte Blount Henneberger,
Lacona, N. Y.
B.S.Ed.
Field of Specialization: Education

Ludwig Frank Hesse, Geneva
B.A. (University of Alabama)
Field of Specialization: Education

Rita Grazia Hickey, Wilberforce
B.S.Ed.
Field of Specialization: Education

Thomas Carl Himmelright,
Chagrin Falls
B.A. (Northwestern University)
Field of Specialization: Economics

Michael Barnard Hobbs, Columbus
B.S.Arch.
Field of Specialization: Public
Administration

William Todd Hoehn,
Indianapolis, Ind.
B.M. (Butler University)
Field of Specialization: Music

Steven Ernst Hoffman, Columbus
B.A. (Monmouth College)
Field of Specialization: Education

Henry Laurens Hopkins, Shelby
B.S.Ed.
Field of Specialization: Education

DeAnna Smith Horstmeier,
Worthington
B.A. (Brigham Young University)
Field of Specialization: Education

June Sculfer Horton, Columbus
B.A. (Birmingham University,
England)
Field of Specialization: Education

Sharon Howard, Baltimore, Md.
B.A. (Howard University)
Field of Specialization: English

David Earl Howe, Columbus
B.A.
Field of Specialization: Education

Shau-Wing Cloud Hsueh
Taipei, Taiwan
B.A. (National Chengchi University)
Field of Specialization: Journalism

Jean Isabel Sanders Huber, Columbus
B.A.
Field of Specialization: Sociology

Harriet Elizabeth Hudson,
Atlanta, Ga.
A.B. (Queens College)
Field of Specialization: English

Robert Graham Hughes, Macomb, Ill.
B.A. (DePauw University)
Field of Specialization: Education

Thomas Edward Hughes,
Hummelstown, Pa.
B.S.Mus.Ed. (West Chester State
College)
Field of Specialization: Music

John Edward Humbert, Jr., Columbus
B.S. in Ed. (Miami University)
Field of Specialization: Education

Allen Burch Hundley, Richmond, Va.
B.A. (University of Richmond)
Field of Specialization: Political
Science

Roxanne Munch Hunt, Columbus
B.A. (Loyola University)
Field of Specialization: English

Loretta Bedont Jacobs, Lexington
B.A. (University of South Florida)
Field of Specialization: Education

Mary Lucinda Butler Jones, Columbus
B.S.Ed. (Capital University)
Field of Specialization: Art
Education

Maxine Holmes Jones, DeSoto, Mo.
B.S.Ed. (Southwest Missouri State
College)
Field of Specialization: Education

Nancy Rose Jones,
Albuquerque, N. M.
B.A. (University of New Mexico)
Field of Specialization: Linguistics

Amy Feldman Juhas,
Hollis Hills, N. Y.
B.S.Ed. (Ohio University)
Field of Specialization: Education

Donald Neal Kaiser, Hayward, Calif.
A.B. (University of California
Berkeley)
Field of Specialization: Psychology

Cheng Shu Kao, Taipei, Taiwan
B.A. (Tunghai University)
Field of Specialization: Sociology

Debora Ruth Kayne, Columbus
B.S. (Purdue University)
Field of Specialization: Education

Paul H. Keckley, Jr.,
Chattanooga, Tenn.
B.A. (David Lipscomb College)
Field of Specialization: Speech
Communication

John William Keller, Mentor
B.A. (DePauw University)
Field of Specialization: Political
Science

Kathleen Susan Keller, Columbus
B.A. (College of Wooster)
Field of Specialization: Psychology

Stephanie Lee Keller, Rocky River
B.A. (Purdue University)
Field of Specialization: Romance
Languages

Robert William Kelton, Miami, Fla.
B.A. (University of South Florida)
Field of Specialization: English

Rex William Kern, Lancaster
B.S.Ed.
Field of Specialization: Physical Education

Martha Boatman Knisley, Columbus
B.A. (Marshall University)
Field of Specialization: Education

Barbara Lynn Kohn, University Heights
B.A.
Field of Specialization: Education

Laura Hilary Kopasz, Yellow Springs
B.A. (Antioch College)
Field of Specialization: English

Janice Helen Kowalak, River Edge, N. J.
B.B.A. (Ohio University)
Field of Specialization: Business Administration

Lawrence Andrew Kuzila, Youngstown
B.S. (Wheeling College)
Field of Specialization: Public Administration

Rosaria Intelisano Lacentra, Windsor, Ont., Canada
B.A. (University of Windsor, Canada)
Field of Specialization: Romance Languages

Anne Elizabeth Lafferty, Columbus
B.S.Ed.
Field of Specialization: Education

Lawrence Charles Landreman, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Beverly Farlow Larson, Columbus
B.A. (Wittenberg University)
Field of Specialization: Education

Lane Lasater, Matheson, Colo.
A.B. (Princeton University)
Field of Specialization: Psychology

Marcia May Lauritsen, Columbus
B.A.
Field of Specialization: English

Magdalena Maria Lauwers, Beigem, Belgium
Licentiaat (University of Louvain, Belgium)
Field of Specialization: German

Judith Ann Lawrence, Xavier, Kan.
B.A. (Saint Mary College, Kansas)
Field of Specialization: Education

Larry Allen Ledford, Zanesville
B.A. (Muskingum College)
Field of Specialization: Speech Communication

Cynthia Maryann Lejsek, Ravenna
B.A.
Field of Specialization: German

David Edward Lenerz, Janesville, Wis.
B.S. (Wisconsin State University, Oshkosh)
Field of Specialization: Economics

Maxine Elizabeth Lentz, Allentown, Pa.
B.S.Ed. (Bowling Green State University)
Field of Specialization: Education

James Pearl Lewis, Dayton
B.S.Ed. (University of Dayton)
Field of Specialization: Physical Education

Rebecca Wai-Yu Li, Hong Kong
B.A. (University of Wisconsin, Madison)
Field of Specialization: Economics

Cathy Ann Lindamood, Huntington, W. Va.
B.A. (Marshall University)
Field of Specialization: Education

David Howard Litt, White Plains, N. Y.
B.A. (University of Cincinnati)
Field of Specialization: Journalism

James William Lufrio, Baltimore, Md.
B.A. (University of Maryland)
Field of Specialization: Classics

Eileen Rogers Lucas, Columbus
B.S.H.E.
Field of Specialization: Education

Angus Neil MacIvor, Marysville
A.B. (Duke University)
Field of Specialization: English

Patricia Ann Macklin, Columbus
B.S.Ed.
Field of Specialization: Education

Daniel Patrick Madden, Springfield, Mass.
B.A. (University of Massachusetts, Amherst)
Field of Specialization: English

Edward John Malecki, Jr., Columbus
B.A.
Field of Specialization: Geography

Maurice Nicolas Marchon, Fribourg, Switzerland
Licence (Universite de Fribourg)
Field of Specialization: Economics

Maryann Piper Marlin, Columbus
B.A. (Purdue University)
Field of Specialization: Education

Mary Beth Marsh, Hilliard
B.A. (Otterbein College)
Field of Specialization: Speech Communication

Richard Evan Marti, Columbus
B.A.
Field of Specialization: Romance Languages

Rosemary Mason, Brecksville
B.S.Ed. (Ashland College)
Field of Specialization: Education

John Lancer McGruder, Bethesda, Md.
B.S. (Xavier University)
Field of Specialization: Public Administration

Elaine Lang McKee, Fairborn
B.A. (Wright State University)
Field of Specialization: Romance Languages

Larry Rodger McKeenhan, Wilson Creek, Wash.
B.A. (Seattle Pacific College)
Field of Specialization: Romance Languages

John Raymond McKivigan, Edensburg, Pa.
B.A. (Indiana University of Pennsylvania)
Field of Specialization: History

Bradford Carl Metzler, Aberdeen, Md.
B.A. (College of Wooster)
Field of Specialization: Economics

Erica Jennifer Meyers, Berkeley, Calif.
A.B. (University of California, Berkeley)
Field of Specialization: Dance

Jean Lynn Miley, West Salem
B.S.Ed.
Field of Specialization: Romance Languages

Fredericka Sherrill Miller, Columbus
B.S.Ed. (West Virginia State College)
Field of Specialization: Education

Shirley Dianne Miller, Columbus
B.S.
Field of Specialization: Education

Nancy Lou Miro, Wheeling, W. Va.
B.M. (Marywood College)
Field of Specialization: Education

Melba Marie Mitchell, Forestville, Md.
B.A. (Oklahoma Baptist University)
Field of Specialization: Education

Jean Ellen Mittler, Columbus
B.S. (Capital University)
Field of Specialization: Education

Sarah Diane Miyahira,
Honolulu, Hawaii
B.A. (University of Hawaii)
Field of Specialization: Psychology

Linda Clare Moffatt, Pittsburgh, Pa.
B.F.A. (Ohio University)
Field of Specialization: Education

James Edward Moore,
Redondo Beach, Calif.
B.A. (University of California, Santa
Barbara)
Field of Specialization: Education

Mozelle Davidson Moore, Columbus
B.A. (Fisk University)
Field of Specialization: Education

Kathleen Virginia Berster Morgan,
Columbus
B.S.Ed. (Ohio University)
Field of Specialization: Education

Mary Kathleen Morgan, Topeka, Kan.
B.A. (Saint Mary College, Kansas)
Field of Specialization: Psychology

Ann Tudor Morse, Cincinnati
B.A. (University of Cincinnati)
*Field of Specialization: Romance
Languages*

Mary Lynne Campbell Musgrove,
Columbus
A. B. (University of Illinois)
Field of Specialization: Education

Shirley Rhodes Nealy, Columbus
B.S. (Florida Agricultural and
Mechanical University)
Field of Specialization: Education

Calvin Clayton Nelson,
Hermosa Beach, Calif.
B.A. (University of California, Santa
Barbara)
Field of Specialization: Education

Richard W. Nelson, Nashville, Tenn.
B.A. (Capital University)
Field of Specialization: Education

Mary Helen Mueller Nemeth,
Columbus
A.B. (Ohio University)
Field of Specialization: Education

Judith Kaye Novine, Euclid
B.S.Ed., M.A.
*Field of Specialization: Physical
Education*

Judith Stuchel Okeefe, Columbus
B.S.Ed.
*Field of Specialization: Speech
Communication*

Nora Eileen O'Neil, Fairborn
B.A. (Wright State University)
Field of Specialization: Classics

Margaret Gwen Oshuns, Beechwood
B.S.Ed.
Field of Specialization: Education

Janet Reisland Packard, Columbus
B.S.Ed.
Field of Specialization: Education

Roger Allan Page, Linden, Mich.
B.S. (Michigan State University)
Field of Specialization: Psychology

Jacquelyn L. Paine, Streetsboro
B.S. (Ohio University)
Field of Specialization: German

Bertha Painter Paster, Columbus
B.S.Ed. (Ohio Dominican College)
Field of Specialization: Education

Veronica Dziuba Payer, Columbus
B.S.Nurs.
Field of Specialization: Education

David Duane Pearce, Falmouth, Me.
A.B. (Bowdoin College)
Field of Specialization: Journalism

Brenda Faye Pearsall,
St. Petersburg, Fla.
B.A. (Andrews University)
Field of Specialization: English

John Wayne Perkins, Columbus
B.A.
Field of Specialization: Linguistics

Sally Jane Phillips, Cleveland
B.A. (Cleveland State University)
*Field of Specialization: Romance
Languages*

Patricia Ann Pogorzelski, Akron
B.S.Ed. (University of Akron)
Field of Specialization: Music

Niecy Hentz Polk, Lambert, Miss.
B.S. (Jackson State College)
Field of Specialization: English

Jorge Enrique Porras Porras,
Bogota, Colombia
Licenciado, (Universidad Pedagogica
y Technologica de Colombia)
*Field of Specialization: Romance
Languages*

Delbert Louis Porter, Columbus
B.A. (San Fernando Valley State
College)
Field of Specialization: Journalism

Nancy Christine Porter, Mainesville
B.A. (College of Wooster)
*Field of Specialization: Romance
Languages*

Audra Larabee Prefling, Mansfield
B.S. (Ashland College)
Field of Specialization: Education

David Martin Presnall, Columbus
B.A. (Saint Marys College,
California)
Field of Specialization: Psychology

Susan Greenwood Pridemore,
Columbus
B.S.Ed.
Field of Specialization: Education

Thomas Ronald Pyron,
Memphis, Tenn.
B.S. (Lambuth College)
Field of Specialization: Education

Kathleen Reardon Ramsey, Columbus
B.A. (Anderson College)
Field of Specialization: Education

Linda Ruth Rapp, Germantown, N. Y.
B.S. (Saint Lawrence University)
Field of Specialization: Psychology

John Reardon, Girard
B.S.Ed.
Field of Specialization: Theatre

Margarita Rebolledo, Columbus
A.B. (Morehead University); M.A.
(Ohio University)
Field of Specialization: Education

Karen Kristine Rechnitzer,
Littleton, Colo.
B.A. (Colorado College)
*Field of Specialization: History of
Art*

Lynn Lundholm Reichenbach,
Columbus
B.S.Ed.
*Field of Specialization: Romance
Languages*

Harris Gregory Reife, Columbus
B.A. (Pace College)
Field of Specialization: Education

Timothy Lloyd Reno, Columbus
B.S.Ed.
Field of Specialization: Education

John Kenneth Riley, Jr., Columbus
B.S.Bus.Adm. (University of Dayton)
Field of Specialization: Education

Roberta Humphreys Riley, Greenfield
B.S.Ed. (Ohio University)
Field of Specialization: Education

Glenn David Ritchie,
Palos Verdes, Calif.
B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology

- Joseph Edward Ritchie, II,
Michigan City, Ind.
A.B. (Calvin College)
Field of Specialization: German
- Ronald Asa Robison, Columbus
B.S.Bus.Adm.
Field of Specialization: Public
Administration
- Sister Carolyn Rock, La Crosse, Wis.
B.M.E. (Viterbo College)
Field of Specialization: Music
- Martha Lou Rodabaugh, Hilliard
B.S.Ed.
Field of Specialization: Education
- Robert Wells Rogers, Columbus
Ph.B. (University of Wisconsin,
Madison)
Field of Specialization: Anthropology
- Sally Jo Rogers, Ashland
B.A. (Ashland College)
Field of Specialization: Psychology
- Pamela Henry Rosenberg,
Champaign, Ill.
A.B. (University of California,
Berkeley)
Field of Specialization: History
- George Alexander Ross, Columbus
B.A. (DePauw University)
Field of Specialization: Sociology
- Jennifer Esther Ruff, Cincinnati
B.A. (Miami University)
Field of Specialization: Psychology
- John Marco Ruyan, Westerville
B.A. (Muskingum College)
Field of Specialization: Physical
Education
- Thomas F. Ryan, New York, N. Y.
B.A. (Iona College)
Field of Specialization: Psychology
- Timothy Patrick Ryan, Harahan, La.
B.A. (Louisiana State University and
Agricultural and Mechanical College)
Field of Specialization: Economics
- Myron Peter Sanborn,
Center Barnstead, N. H.
B.Mus. (University of New
Hampshire)
Field of Specialization: Music
- Carolyn Johns Savory, Columbus
B.S.Ed.
Field of Specialization: Education
- John Randall Schiller, Mt. Gilead
B.A. (Ohio Northern University)
Field of Specialization: Education
- Laura Shardell Schultz, Westerville
B.S.Ed. (Miami University)
Field of Specialization: Education
- Nancy Wachs Schultz, Columbus
B.S.Ed.
Field of Specialization: Education
- Patricia Lee Schumann, Cleveland
B.S.Ed.
Field of Specialization: Education
- Regina Curtis Scoles, Columbus
B.S.Lang. (Georgetown University)
Field of Specialization: Slavic
Languages
- Janet Elaine Scott, Painesville
B.S.Ed. (California State College,
Pennsylvania)
Field of Specialization: Education
- Doreen Harriet Seidler,
Lake Success, N. Y.
B.A. (Bennington College)
Field of Specialization: Psychology
- Carol Ann Shepard, Mobile, Ala.
B.S. (Alabama State College)
Field of Specialization: Education
- Sally Meyer Shinn, Worthington
B.S.Ed. (Bowling Green State
University)
Field of Specialization: Education
- Richard Wilbert Simmons, Columbus
B.A.Jour.
Field of Specialization: Romance
Languages
- Anne Childress Smith, Columbus
B.S.Ed.
Field of Specialization: Education
- Jerald Michael Smith, Omaha, Neb.
B.S. (University of Nebraska,
Omaha)
Field of Specialization: Psychology
- Margareta Frisch Smith, Columbus
B.S.Ed.
Field of Specialization: Education
- Patricia Clingo Snider, Columbus
B.A.
Field of Specialization: Sociology
- Chrysostomus A. Sofianos, Paphos,
Cyprus
Diploma (University of Athens,
Greece)
Field of Specialization: Education
- Sydel Sokuvitz,
North Miami Beach, Fla.
B.A. (University of Florida)
Field of Specialization: Education
- Lise Breck Spangler, Greensburg, Pa.
B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Patricia Gray Stegmaier, Cleveland
A.B. (John Carroll University)
Field of Specialization: Education
- Harold Coker Stevens,
Farmington, N. M.
B.A. (McMurry College)
Field of Specialization: History
- Robert Allen Stier,
Newton Center, Mass.
B.A. (College of the Holy Cross)
Field of Specialization: Psychology
- Kathleen Revenaugh Stohrer,
Columbus
B.A. (Otterbein College)
Field of Specialization: Psychology
- Sara Elizabeth Stradley, Columbus
B.A. (DePauw University)
Field of Specialization: Education
- Masami Sudo, Tokyo, Japan
B.Law (University of Tokyo)
Field of Specialization: Public
Administration
- Karen Sudol, East Paterson, N. J.
B.A. (Fordham University)
Field of Specialization: Romance
Languages
- Cynthia Sue Sullivan, Delaware
B.S.Ed.
Field of Specialization: Education
- *David George Swank, Zoar
Field of Specialization: English
- Paul Clement Sweeney, Newton, Mass.
B.A. (University of Massachusetts)
Field of Specialization: Journalism
- Clinton Richman Swift,
Branford, Conn.
B.A. (Wesleyan University)
Field of Specialization: Journalism
- Barbara Jean Tatum, Columbus
B.A. (Marshall University)
Field of Specialization: Education
- David Leon Taylor, Columbus
B.S.Ed.
Field of Specialization: Education
- Nguyen Thi Thao, Saigon, Vietnam
License (University of Saigon)
Field of Specialization: Education
- Larry Edwin Tischer, Columbus
B.S.Bus.Adm. (Colorado University)
Field of Specialization: Business
Administration

* Also Bachelor of Arts, Colleges of the
Arts and Sciences

Wilma Weaver Tompkins,
New Lexington
B.S.Nurs.
Field of Specialization: Education

Wallace Alan Toney,
University City, Miss.
A.B. (Indiana University)
*Field of Specialization: Slavic
Languages*

Fiona Henderson Travis, Columbus
B.A. (Muskingum College)
Field of Specialization: Education

Ben Scott Trotter, Columbus
B.A.
Field of Specialization: History

Karen Petroccia Trubisz, Columbus
B.A. (State University of New York,
Fredonia)
Field of Specialization: Education

Alice Kuang Ping Chu Tsao,
Taipei, Taiwan
B.A. (National Cheng Chi University)
*Field of Specialization: East Asian
Languages*

Francis Paul Urtz, Rome, N. Y.
B.A. (Le Moyne College)
Field of Specialization: Psychology

Joseph Irvin Vincent, Harvey, La.
B.A. (Loyola University)
*Field of Specialization: Slavic
Languages*

Albert Edward Virgil,
Millersburg, Ind.
A.B. (Indiana University)
Field of Specialization: Psychology

Barbara Visser Wagenaar, Columbus
B.A. (Calvin College)
Field of Specialization: Education

John Robert Waldo, Columbus
B.S.Bus. Adm.
*Field of Specialization: Business
Administration*

James Lawrence Warden, Columbus
B.A.
Field of Specialization: Education

Robert Elmer Warnock, Jr.,
Columbus
B.S.Ed. (Miami University)
*Field of Specialization: Public
Administration*

Carolyn Elaine Washington,
Cincinnati
B.S.Soc.Wel.
Field of Specialization: Education

George Robert Wassil, Columbus
B.M.E. (General Motors Institute)
Field of Specialization: Education

Nancy Lee Waters, Westerville
B.A., B.S.Ed.
Field of Specialization: Education

Cheryl Ann Watkins, Columbus
B.A. (Rockford College)
Field of Specialization: Education

Michael Lowell Welch, Marengo
B.A. (Ohio Wesleyan University)
Field of Specialization: Education

Douglas Allen Wertman,
Catasauqua, Pa.
B.A. (Dickinson College)
*Field of Specialization: Political
Science*

James Herman Westfall, St. Louisville
B.S. in Ed. (Kent State University)
*Field of Specialization: Public
Administration*

*James Charles Wilson
Memphis, Tenn.
Field of Specialization: History

Patricia Hart Wilson, Columbus
B.A.
Field of Specialization: Education

Jill Susan Wiltberger, Waverly
B.A.
Field of Specialization: Journalism

Kristin Wolfram, Albion, Mich.
B.S. (Denison University)
Field of Specialization: Education

Polly P. Yang, Taipei, Taiwan
B.A. (National Taiwan University);
M.S. (Murray State University)
*Field of Specialization: East Asian
Languages*

Michael Allen Young, Columbus
B.A.
Field of Specialization: Education

Steven E. Zartman, Springfield
B.A.
Field of Specialization: Education

Holly Cohan Zingale, Columbus
A.B. (Mount Holyoke College)
Field of Specialization: Psychology

Patricia Kay Zingheim,
North Palm Beach, Fla.
A.B. (University of Michigan)
Field of Specialization: Psychology

Master of Business Administration

Twenty-seven candidates

Thomas Andrew Albaugh, Columbus
B.S. (College of Steubenville)
*Field of Specialization: Business
Administration*

Joseph Paul Bellino, Youngstown
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Edward Paul Bessey, Columbus
B.A.
*Field of Specialization: Business
Administration*

Frederick John Bingle, Toledo
B.B.A. (University of Notre Dame)
*Field of Specialization: Business
Administration*

David Michael Butler, Columbus
B.S. (Michigan State University)
*Field of Specialization: Business
Administration*

Michael Scott Chambers, Navarre
B.S.I.E.
*Field of Specialization: Business
Administration*

Phillip Hamlin Corse, Columbus
B.S.Bus.Adm.
*Field of Specialization: Business
Administration*

Lawrence Thomas Driscoll,
Rochester, N. Y.
B.S. (College of William and Mary);
M.S.
*Field of Specialization: Business
Administration*

Thomas William Ferratt, Muncie, Ind.
B.B.A. (University of Notre Dame)
*Field of Specialization: Business
Administration*

Ronald Elliot Fisch, Montclair, N. J.
B.S. (University of Maryland)
*Field of Specialization: Business
Administration*

* Also Bachelor of Arts, Colleges of the
Arts and Sciences

Robert Beall Franklin, Jr., Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

Mark Ellis Gorchoff, Columbus
B.S.Bus.Adm.
Field of Specialization: Business Administration

John Wayne Grace, Columbus
B.B.A. (Ohio University)
Field of Specialization: Business Administration

David Paul Handke, Jr.,
Shaker Heights
B.S. (Vanderbilt University)
Field of Specialization: Business Administration

Robert Howard Henert, Marion
B.S. in B.A. (Northwestern University)
Field of Specialization: Business Administration

Kent Arne Willy Larsson,
Malmo, Sweden
B.S.Bus.Adm.
Field of Specialization: Business Administration

Kenneth James Levy, Shaker Heights
B.S.Bus.Adm.
Field of Specialization: Business Administration

Larry Lynn Main, Ashley
B.S.Bus.Adm.
Field of Specialization: Business Administration

Walter Lee McCombs, Lakewood
B.A. (Kent State University)
Field of Specialization: Business Administration

Randy Paul Oates, Columbus
B.S.I.E.
Field of Specialization: Business Administration

Ronald Gordon Odom,
San Francisco, Calif.
B.S. (United States Military Academy)
Field of Specialization: Business Administration

Raj Parr, Bombay, India
B.E. (University of Madras) ; M.S.
Field of Specialization: Business Administration

James Miller Pentecost, II, Columbus
B.S. (University of Tennessee) ; M.S. (Stanford University)
Field of Specialization: Business Administration

Helen Chenot Pestel, Gahanna
B.S. (Ohio University)
Field of Specialization: Business Administration

James Francis Ricketts, Cincinnati
B.S.Bus.Adm.
Field of Specialization: Business Administration

David Alan Steiger, Solon
B.S.Bus.Adm.
Field of Specialization: Business Administration

John Alfred Wills, Worthington
B.S.Bus.Adm. (University of Dayton)
Field of Specialization: Business Administration

Master of City Planning

Twenty candidates

Thomas Grant Ayres, Rockville, Ind.
B.A.E. (University of Mississippi)
Field of Specialization: City and Regional Planning

Melvin Lee Blackstone, Carroll
B.S.Soc.Wel.
Field of Specialization: City and Regional Planning

Anthony Di Tommaso, Aliquippa, Pa.
B.A. (Saint Vincent College)
Field of Specialization: City and Regional Planning

Paul Peter Eberhart, Cuyahoga Falls
B.A.
Field of Specialization: City and Regional Planning

Phyllis Ann Korab, Lorain
B.A. (Purdue University)
Field of Specialization: City and Regional Planning

John James Lynch, Elizaville, N. Y.
B.A. (Marist College)
Field of Specialization: City and Regional Planning

Bruce Arthur Meyers,
Silver Spring, Md.
B.S.Comm. (Washington and Lee University)
Field of Specialization: City and Regional Planning

Russell Allen Miller, Columbus
B.A. (Bradley University)
Field of Specialization: City and Regional Planning

William Hurley Nevius, Toledo
A.B. (Colgate University)
Field of Specialization: City and Regional Planning

William Eugene Oliver,
Cheshire, Conn.
B.A. (George Washington University) ; M.A.
Field of Specialization: City and Regional Planning

Emory Jackson Price, Dallas, Tex.
B.A. (University of Texas)
Field of Specialization: City and Regional Planning

Gregory Harrison Smith, Zanesville
B.A. (Wittenberg University)
Field of Specialization: City and Regional Planning

Prescott Carleton Snyder,
Plymouth, Ind.
B.A. (Purdue University)
Field of Specialization: City and Regional Planning

Gary Wayne Stith, Tulsa, Okla.
B.A. (Oklahoma State University)
Field of Specialization: City and Regional Planning

Patricia Aileen Suttman, Bellbrook
B.A. (University of Dayton)
Field of Specialization: City and Regional Planning

Charles Martin Taylor, Hudson
B.I.E. (General Motors Institute)
Field of Specialization: City and Regional Planning

Gary Van Turner, Richmond, Ind.
B.S. (Ball State University)
Field of Specialization: City and Regional Planning

George Russell Urban, Saltsburg, Pa.
B.A. (Indiana University of Pennsylvania)
Field of Specialization: City and Regional Planning

Richard Jay Wiederhorn,
Minneapolis, Minn.
B.A. (University of Minnesota)
Field of Specialization: City and Regional Planning

Hubert Wirtz, Columbus
B.A. (Purdue University) ; M.A.
Field of Specialization: City and Regional Planning

Master of Fine Arts

Two candidates

Robert Scott Campbell, Clio, Mich.
B.F.A. (Herron School of Art)
Field of Specialization: Fine Arts
(Painting)

Bryon James Savon, Bay Village
B.F.A.
Field of Specialization: Fine Arts
(Painting)

Master of Music

Eight candidates

Robert Alan Cochran, Van Wert
B.Mus.Ed.
Field of Specialization: Music

James Joseph Luellen, Columbus
B.S.Ed.
Field of Specialization: Music

Charles Richmond Mayhew, Hamilton
B.S.Ed.
Field of Specialization: Music

Susan Burghardt Rafferty, Columbus
B.Mus.
Field of Specialization: Music

Linda Jean Shay, Corvallis, Ore.
B.A., B.M. (University of Oregon)
Field of Specialization: Music

Jeffrey Brinton Unger,
Lakewood, N. J.
B.Mus.Ed. (Baldwin-Wallace College)
Field of Specialization: Music

Beverly Jean Vaughn, Columbus
B.A. (Loma Linda University)
Field of Specialization: Music

Mary Louise Walker, Augusta, Ga.
B.Mus. (Florida State University)
Field of Specialization: Music

Master of Public Administration

Ten candidates

John Richard Ambrogne,
Arlington, Mass.
A.B. (Boston College)
Field of Specialization: Public
Administration

John William Anderson, Columbus
B.S.Bus.Adm.
Field of Specialization: Public
Administration

Richard Riley Burk, Columbus
B.A. (University of Dayton)
Field of Specialization: Public
Administration

Alan Preston Byrd, Dayton
A.B. (Washington University)
Field of Specialization: Public
Administration

Anthony Samuel Cicatiello,
Youngstown
B.S.
Field of Specialization: Public
Administration

Phillip Code, Warren
B.A., M.A.
Field of Specialization: Public
Administration

Lynne Moore Kweder, Columbus
A.B. (Allegheny College)
Field of Specialization: Public
Administration

Charles Augustus Mahoney, Jr.,
Quantico, Va.
B.S. (United States Naval
Academy); B.A. (Saint Paul's
College)
Field of Specialization: Public
Administration

Pamela Joy Neff, Columbus
B.A. (Bluffton College)
Field of Specialization: Public
Administration

Cathleen Ireland Platt, Columbus
B.S. (Michigan State University)
Field of Specialization: Public
Administration

Master of Science

Two hundred and twenty-seven candidates

Judith Gail Abilock, Orlando, Fla.
B.A. (University of Rochester)
Field of Specialization: Computer
and Information Science

Gerald Paul Alonge,
Jamestown, N. Y.
B.A. (State University of New York,
Fredonia)
Field of Specialization: Allied
Medicine

William Gregory Alspach, Lancaster
B.A. (DePauw University)
Field of Specialization: Natural
Resources

Mayoor Natubhai Amin,
Bombay, India
B.E. (University of Bombay)
Field of Specialization: Electrical
Engineering

Roger Paul Austin, Cincinnati
B.S.Pharm. (University of Cincinnati)
Field of Specialization: Pharmacy

Hisham Wajih Baghdadi,
Beirut, Lebanon
B.S.M.E.
Field of Specialization: Mechanical
Engineering

Ellen Peterson Bell, Medina
B.S.Nurs.
Field of Specialization: Nursing

Dennis Paul Beres, Hialeah, Fla.
B.S.A.A.E.
Field of Specialization: Aeronautical
and Astronautical Engineering

Robert Leroy Berry, Springfield
B.S.E.E. (University of Cincinnati)
Field of Specialization: Electrical
Engineering

Nancy Jane Blakely,
Springville, N. Y.
B.S. (State University of New York,
Buffalo)
Field of Specialization: Allied
Medicine

Jeffrey Ward Blancett, Zanesville
B.A. (DePauw University)
Field of Specialization: Allied
Medicine

Kathleen Berger Blickenstaff,
Versailles
B.S.Nurs.
Field of Specialization: Nursing

Alan William Brass, Girard
A.B. (Youngstown State University)
Field of Specialization: Allied
Medicine

Robert Michael Briem, Provo, Utah
B.S., M.S. (Brigham Young
University)
Field of Specialization: Preventive
Medicine

John Albert Brogan,
San Antonio, Tex.
B.S.E.E. (University of Texas)
Field of Specialization: Electrical
Engineering

James Ollen Bryan, Columbus
B.S. (George Washington University)
*Field of Specialization: Allied
Medicine*

Chinawood Buranarom,
Bangkok, Thailand
B.C.E. (Chulalongkorn University);
M.E. (Asian Institute of Technology)
*Field of Specialization: Civil
Engineering*

Gerald Paul Butrimovitz,
Oak Park, Mich.
B.A. (Wayne State University)
Field of Specialization: Chemistry

Steven Colby Buttrick, Ipswich, Mass.
B.A. (University of New Hampshire)
Field of Specialization: Botany

Rosemary Dolores Callaghan,
Jersey City, N. J.
B.A. (College of Saint Elizabeth)
Field of Specialization: Mathematics

John Robert Cameron, Walton Hills
B.S.
*Field of Specialization: Chemical
Engineering*

Gary Lee Campbell, Columbus
A.B. (Cornell University)
*Field of Specialization: Computer
and Information Science*

Marilyn Constance Campbell,
North Hollywood, Calif.
B.S. (California State Polytechnic
College)
*Field of Specialization: Home
Economics*

Shabbar Nuruddin Charania,
Karachi, Pakistan
B.E. (University of Karachi)
*Field of Specialization: Civil
Engineering*

Mei-Wan Cheng, Taipei, Taiwan
B.S. (Taiwan Provincial Chung-Hsing
University)
Field of Specialization: Microbiology

Thomas Ross Childs, Westerville
B.S.L.E. (University of Akron)
*Field of Specialization: Allied
Medicine*

*Teung Fook Chin, Cincinnati
Field of Specialization: Horticulture

Chul Won Cho, Seoul, Korea
B.S. (Seoul National University)
*Field of Specialization: Metallurgical
Engineering*

Yi Chu, Taipei, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Botany

Kenneth Paul Coffae, Worthington
D.D.S.
Field of Specialization: Dentistry

Leonardo Rafael Corral,
Riobamba, Ecuador
B.S.Agr.
Field of Specialization: Agronomy

**Wesley Roland Cox, Cincinnati
*Field of Specialization: Mechanical
Engineering*

Mary Knapp DeNoble, Columbus
B.S.Nurs.
Field of Specialization: Nursing

Robert Louis DeVore, Akron
B.A. (Ohio Wesleyan University)
*Field of Specialization: Aeronautical
and Astronautical Engineering*

***Ronald Paul Dickerhoof,
Louisville
*Field of Specialization: Agricultural
Education*

Randi Douglas Dikeman,
Pittsburgh, Pa.
B.S. (Ohio University)
*Field of Specialization: Ceramic
Engineering*

James Richard Douglas, Columbus
B.S. in M.E. (Michigan College of
Mining and Technology)
*Field of Specialization: Metallurgical
Engineering*

Karen Ann Rand Dries,
New Orleans, La.
B.S. (Louisiana State University and
Agricultural and Mechanical College)
Field of Specialization: Mathematics

Janis Eileen Dugle,
Lawrenceburg, Ind.
B.S. (Indiana University)
Field of Specialization: Mathematics

Donald Dean Duncan, Lexington, Ky.
B.S.E.E. (University of Kentucky)
*Field of Specialization: Electrical
Engineering*

Paula Catalano Dunnigan, Columbus
A.B. (Douglass College, Rutgers
University)
Field of Specialization: Chemistry

Leonard Kenneth Ebel, Columbus
B.S.Ed., D.D.S.
Field of Specialization: Dentistry

Donald Eugene Eichelberger, Urbana
B.S.
*Field of Specialization: Natural
Resources*

Mary Zeyen Elmore, Columbus
B.S.Ed.
*Field of Specialization: Natural
Resources*

David Earl Enting, Columbus
B.S.M.E.
*Field of Specialization: Mechanical
Engineering*

Wayne Gerald Erlandson, Columbus
B.A.
*Field of Specialization: Natural
Resources*

Robert Clare Ettinger, Fairborn
B.S. (University of California,
Berkeley)
*Field of Specialization: Aeronautical
and Astronautical Engineering*

James Gilbert Eye, Jr., Columbus
A.B. (Drury College)
Field of Specialization: Entomology

Danny Dale Farmer, Finley, Ky.
B.S.C.E.
*Field of Specialization: Civil
Engineering*

Karen Hune Farrell, Columbus
B.A. (Muskingum College)
*Field of Specialization: Allied
Medicine*

Isaac Clyde Ferguson, Charleston, Ill.
B.S., M.S. (Brigham Young
University)
*Field of Specialization: Preventive
Medicine*

Meriel Jean Ferrell,
North Little Rock, Ark.
B.S. (Little Rock University)
*Field of Specialization: Medical
Microbiology*

Marilyn Humpert Fettes, Dayton
B.S.Phys.Ther.
*Field of Specialization: Allied
Medicine*

Joe Allen Fetzer, Columbus
B.S.
Field of Specialization: Geology

William Dudley Fields, III, Dayton
B. of Aerospace Eng. (Georgia
Institute of Technology)
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Karen Smith Fleshman, St. Louis, Mo.
B.S. (Kent State University)
Field of Specialization: Physiology

* Also Bachelor of Science in Food
Technology, College of Agriculture and
Home Economics

** Also Bachelor of Mechanical Engineering,
College of Engineering

*** Also Bachelor of Science in Agriculture,
College of Agriculture and Home Economics

Dennis Eugene Freer,
Selfridge AFB, Mich.
B.S.
Field of Specialization: Zoology

Marilee Lucas Gallagher, Columbus
A.B. (Mount Holyoke College)
Field of Specialization: Anatomy

Michael William George, Kent
B.A.A.E.
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Warren David Gilson, Wooster
B.A. (Otterbein College)
Field of Specialization: Dairy Science

James Ronald Gonterman,
Cub Run, Ky.
B.S. (Western Kentucky University)
Field of Specialization: Geology

Michael Terry Goodman, Columbus
B.S. (Capital University)
Field of Specialization: Anatomy

Gerald Eugene Grodecki, Columbus
B.E. (Youngstown State University)
*Field of Specialization: Electrical
Engineering*

Robert Allan Haefner,
Bloomfield Heights, Mich.
B.S. (United States Military
Academy)
*Field of Specialization: Electrical
Engineering*

Stephanie Louise Hamilton,
Rockaway Park, N. Y.
B.S. (State University of New York,
New Paltz)
Field of Specialization: Botany

Bryant R. Hanson, Atlanta, Ga.
A.B. (Regis College)
*Field of Specialization: Allied
Medicine*

James Warren Harrison,
Montgomery, Ala.
D.V.M. (Auburn University)
*Field of Specialization: Veterinary
Clinical Sciences*

Nolan Robert Hartwig, Atlantic, Ia.
D.V.M. (Iowa State University)
*Field of Specialization: Veterinary
Preventive Medicine*

Jonathan David Hawk,
Ypsilanti, Mich.
B.S. (Southern Illinois University)
*Field of Specialization: Allied
Medicine*

Susan Young Heaphy, Columbus
B.S. (Pennsylvania State University)
Field of Specialization: Biophysics

James William Henneberger,
Hamilton
B.S.A.A.E.
*Field of Specialization: Industrial
Engineering*

Jonatha Hammer Hickam,
Reynoldsburg
B.S. (Iowa State University of
Science and Technology)
*Field of Specialization: Home
Economics*

Sanford Steven Hirschhorn,
Oceanside, N. Y.
B.A. (University of Rochester)
Field of Specialization: Mathematics

Bang-Lee Ho, New York, N. Y.
B. of Medicine (National Defense
Medical Center, Taiwan)
*Field of Specialization: Preventive
Medicine*

Marc Alan Hoffman, Oxford
B.S. (Miami University)
*Field of Specialization: Allied
Medicine*

Boyd Eugene Holsapple, Springfield
B.S.
Field of Specialization: Mathematics

Andrew Michael Hruszkewycz, Parma
B.S. (John Carroll University)
Field of Specialization: Physiology

Che-Ming Huang, Kaohsiung, Taiwan
B.S. (National Taiwan University)
Field of Specialization: Biophysics

Kuo-Hsiung Huang,
In Lin Shien, Taiwan
B.S. (Tungshai University, Taiwan)
*Field of Specialization: Industrial
Engineering*

Sidney Edgar Hughes,
Nara Visa, N. M.
B.S. (New Mexico State University)
*Field of Specialization: Agricultural
Engineering*

Daniel Martin Hummer, Middletown
B.S.Bus.Adm.
*Field of Specialization: Computer
and Information Science*

Susan Arthur Hummer,
Edgewood, Ia.
B.A. (Clarke College)
*Field of Specialization: Computer
and Information Science*

Fred Alan Hunt, Hide-a-Way Hills
B.S.C.E.
*Field of Specialization: Civil
Engineering*

Florence Smith Hutchinson, Columbus
B.S. (Northwestern University)
*Field of Specialization: Allied
Medicine*

Margaret Catherine Hyland,
Louisville, Ky.
B.S. (Catherine Spaulding College)
*Field of Specialization: Natural
Resources*

Catherine Louise Imhoff, Rittman
B.S. (Baldwin-Wallace College)
Field of Specialization: Astronomy

Keith Merrill Irvin,
New Castle, Ind.
B.S. (Purdue University)
*Field of Specialization: Animal
Science*

George Paul Jones, Kingston, N. Y.
B.A. (Hartwick College)
Field of Specialization: Mathematics

Lyle Allen Jones, Columbus
B.S.Agr.
Field of Specialization: Agronomy

°Thomas Lee Jones, New Albany
*Field of Specialization: Electrical
Engineering*

Vasik Ata Karamians, Columbus
B.C.E. (Tehran University)
*Field of Specialization: Civil
Engineering*

Michael Joseph Katila,
Fairport Harbor
B.S.Ch.E.
*Field of Specialization: Chemical
Engineering*

Nimbaji Shrawanji Katole,
Udaipur, India
B.Sc., M.Sc. (Nagpur University)
Field of Specialization: Agronomy

Richard Terrence Keefe, III,
Columbus
B.S. (Cornell University)
*Field of Specialization: Home
Economics*

* Also Bachelor of Electrical Engineering
College of Engineering

- Sherry Joy Kendall, Milwaukee, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Home Economics
- William Henry Kiehmeyer, Columbus
B.Cer.E.
Field of Specialization: Ceramic Engineering
- Michael Louis Kleinberg, Columbus
B.S. (University of Arizona)
Field of Specialization: Pharmacy
- James Carl Klepyck, Wickliffe
B.S. (University of Toledo)
Field of Specialization: Pharmacy
- Edwin Victor Kluth, Berea
B.S., D.D.S. (Western Reserve University)
Field of Specialization: Dentistry
- Milind Sudhakar Korde,
Bombay, India
B.Tech., M.Tech. (Indian Institute of Technology)
Field of Specialization: Mechanical Engineering
- Sohrab Kourosh, Tehran, Iran
Licentiate (Tehran Institute of Technology); Licentiate (Tehran University)
Field of Specialization: Aeronautical and Astronautical Engineering
- Quoc-Minh Lac, Hong Kong
B.S. (National Taiwan University)
Field of Specialization: Electrical Engineering
- Ho-Hong Lai, Berkeley, Calif.
B.S., M.S. (University of California, Berkeley)
Field of Specialization: Industrial Engineering
- Ronald Leon Lambdin, Fairborn
B.S.M.E. (Purdue University)
Field of Specialization: Aeronautical and Astronautical Engineering
- Michael Allen Laubacher, Dayton
B.S. (University of Dayton)
Field of Specialization: Mathematics
- Sharon Rene Lauderback, Tulsa, Okla.
B.S. (University of Oklahoma)
Field of Specialization: Nursing
- Lorenz Karl Lehner, Columbus
B.S.Bus.Adm.
Field of Specialization: Allied Medicine
- George Eric Leigh, Cleveland
B.S.
Field of Specialization: Geodetic Science
- John Finley Lethert, St. Paul, Minn.
B.E.E. (University of Minnesota)
Field of Specialization: Electrical Engineering
- June Wilsker Levine, Columbus
B.S.Nurs.
Field of Specialization: Nursing
- Sheng Shong Lin, Taipei, Taiwan
B.S.Agr. (National Taiwan University); M.S. (Auburn University)
Field of Specialization: Civil Engineering
- Jerry Lee Lockenour, Columbus
B.S.Aero. and Astro. Eng. (Purdue University)
Field of Specialization: Mechanical Engineering
- Jeffrey Allen Long, Columbus
B.A.
Field of Specialization: Allied Medicine
- Karen Louise Holub Loomis, Columbus
B.S.Nurs.
Field of Specialization: Nursing
- Rita Lynn, State College, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Physiology
- Joseph Leo Mabon, Alexandria, Va.
B.A. (Saint Francis College, Pennsylvania); M.S.W. (Catholic University of America)
Field of Specialization: Preventive Medicine
- Gerald Lee Mahan, Xenia
B.S.Agr.
Field of Specialization: Natural Resources
- Patrick John Mahoney, Toledo
B.S. (University of Toledo);
Cert. Grad. Phys. Ther.
Field of Specialization: Allied Medicine
- Randolph Eric Maier, Columbus
B.S.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Lawrence William Margolis, Youngstown
B.S. (Ohio University)
Field of Specialization: Hospital Administration
- Harry Michael Marks, Columbus
B.S.
Field of Specialization: Mathematics
- James Vincent Marquard, Cleveland
B.S. (John Carroll University);
D.D.S.
Field of Specialization: Pathology
- Joseph Robert Martin,
Canal Winchester
B.S. (Massachusetts Institute of Technology)
Field of Specialization: Allied Medicine
- Wilson Roberto Soares Mattos,
Sao Paulo, Brazil
Engenheiro-Agronomo (Universidade de Sao Paulo, Brazil)
Field of Specialization: Dairy Science
- David Randall Mayhew, Dayton
B.S.A.A. (Massachusetts Institute of Technology)
Field of Specialization: Mechanical Engineering
- Dennis Charles Mays, Columbus
B.S. (Ohio University)
Field of Specialization: Preventive Medicine
- Dominic John Mazzarulli,
Pennsauken, N. J.
B.S. (University of Notre Dame)
Field of Specialization: Allied Medicine
- Thomas David McConnell,
Mingo Junction
B.S.Bus.Adm.
Field of Specialization: Allied Medicine
- Noel Roderick McGill, Urbana
B.S. (Urbana College)
Field of Specialization: Botany
- Edward John McKay, Derwood, Md.
B.S. (Lebanon Valley College)
Field of Specialization: Geodetic Science
- David Anthony Merrelli, Tiltonsville
B.S. (Wheeling College)
Field of Specialization: Mathematics
- Burton Stone Middlebrooks, Kettering
B.S.P. (University of Georgia)
Field of Specialization: Natural Resources
- Frank Mark Mikan, Youngstown
B.S. (Youngstown State University)
Field of Specialization: Geology
- Kenneth Taylor Misener, Niles, Ill.
B.S.Bus.Adm.
Field of Specialization: Allied Medicine

Beverly Marie Modzelewski, Columbus
B.S.Med.Tech.
*Field of Specialization: Allied
Medicine*

Martha Briner Mokry, Columbus
B.S.H.E.
*Field of Specialization: Home
Economics*

Shirley Jeanne Mong, Mansfield
B.A. (Wittenberg University)
Field of Specialization: Genetics

David Lee Moore, Russell, Pa.
B.S.Mus.Ed., B.A. (Eastern Nazarene
College)
Field of Specialization: Botany

Evelyn Buck Morgan, Reynoldsburg
B.S.Nurs.
Field of Specialization: Nursing

Donald James Morrison, Columbus
B.A. (Drake University); D.D.S.
(State University of Iowa)
Field of Specialization: Dentistry

Michael Eugene Mount, Tiffin
B.S. (Utah State University); D.V.M.
*Field of Specialization: Animal
Science*

Allan Joseph Myers, Marion
B.S.
*Field of Specialization: Computer and
Information Science*

Keith Lowell Neer, Mechanicsburg
B.S.Agr.
*Field of Specialization: Animal
Science*

Darrell Ray Newcomer, Hill City,
Kan.
B.S. (University of Kansas)
Field of Specialization: Pharmacy

William Darrell Nicely, Columbus
B.S.Bus.Adm.
*Field of Specialization: Allied
Medicine*

Raymond Stanley Nichols,
Bridgeport, Conn.
B.A. (University of Bridgeport)
Field of Specialization: Mathematics

Edward Graham Nold, Columbus
B.S. (University of Michigan)
Field of Specialization: Pharmacy

Alden Bayard Oakes, II, Columbus
B.S.E.E.
*Field of Specialization: Electrical
Engineering*

Thomas Prescott O'Brien, Chardon
B.S. (John Carroll University)
*Field of Specialization: Welding
Engineering*

David Kerry O'Loughlin,
Limerick, Ireland
B.S. (University College, Ireland)
*Field of Specialization: Food Sciences
and Nutrition*

John Edward Osborne,
South Charleston, W. Va.
B.S. (Morris Harvey College); M.D.
(West Virginia University)
*Field of Specialization: Preventive
Medicine*

George Gilbert Outtersen, Cincinnati
B.A. (Northwestern University)
Field of Specialization: Chemistry

David Emerson Padgett,
Louisville, Ky.
A.B. (Duke University)
Field of Specialization: Botany

Carol B. Parrish, Columbus
B.S.Nurs.
Field of Specialization: Nursing

LaRae Headlee Peters, Columbus
B.S.Nurs. (Capital University)
Field of Specialization: Nursing

Glenn Ray Pirtle, Worthington
B.S.Agr.
*Field of Specialization: Agricultural
Education*

Bernard Joseph Ploeger, Dayton
B.S. (University of Dayton)
Field of Specialization: Mathematics

Teresa Ann Podoske, Logan
B.S.Occ.Ther.
*Field of Specialization: Allied
Medicine*

John Steven Polsley, Urbana
B.S. (Ohio Northern University)
*Field of Specialization: Aeronautical
and Astronautical Engineering*

Gene Otto Proctor, Drakesville, Ia.
B.S.Agr. (Iowa State University of
Science and Technology)
*Field of Specialization: Animal
Science*

Robert John Puskas, Monessen, Pa.
B.S. (Pennsylvania State University)
*Field of Specialization: Electrical
Engineering*

Arthur Bruce Pyster, Chicago, Ill.
B.S. (University of Illinois)
*Field of Specialization: Computer and
Information Science*

Timothy John Raab, Dayton
B.S.
Field of Specialization: Physics

Jose Raul Ramirez, Bogota, Colombia
Ingr. (Universidad Distrital,
Colombia)
*Field of Specialization: Geodetic
Science*

William Allen Ramoska, Barberton
B.S.
Field of Specialization: Entomology

Lewis Asbury Ransdell, Frankfort
B.S.Phys.Ther.
*Field of Specialization: Allied
Medicine*

Donna Faye Redman, Columbus
B.S. (Pennsylvania State University)
*Field of Specialization: Allied
Medicine*

David Andrew Reece, Detroit, Mich.
B.S.Bus.Adm. (Central Michigan
University)
*Field of Specialization: Allied
Medicine*

Harold Lee Reed, Hillsboro
B.S.
Field of Specialization: Statistics

Robert William Rennard, Columbus
B.S. (University of Wyoming)
*Field of Specialization: Electrical
Engineering*

Seong Ho Rhee, Mokpo, Korea
B.S. (Inha Institute of Technology,
Korea)
*Field of Specialization: Chemical
Engineering*

Stephen Ray Richards, Columbus
B.S.
Field of Specialization: Zoology

David John Ringshauser, Cincinnati
B.S.E.E. (University of Cincinnati)
*Field of Specialization: Electrical
Engineering*

Robert John Rittenhouse, Alliance
B.A. (Mount Union College); B.S.Ed.
Field of Specialization: Zoology

Frederick Colson Rodgers, Cheshire
B.S.A.A.E., M.S.
*Field of Specialization: Nuclear
Engineering*

Michael Stephen Roscoe, Farmdale
B.S. (Oregon State University)
Field of Specialization: Geology

*Bernard Lee Ross, Mansfield
Field of Specialization: Agricultural Education

Joseph Monbo Sarkor, Columbus
 B.S. (University of Washington)
Field of Specialization: Civil Engineering

Genevieve Burkholder Schroeder, Columbus
 B.S.H.E.
Field of Specialization: Home Economics

Mark Stephen Seipel, Columbus
 B.S.E.E.
Field of Specialization: Electrical Engineering

Linda Ann Sharp, Columbus
 B.S.Nurs. (University of Michigan)
Field of Specialization: Nursing

Allan Sheinin, Columbus
 B.S., D.M.D. (University of Pittsburgh)
Field of Specialization: Dentistry

Roger Floyd Sheppard, Bellevue
 B.S. (Ohio University)
Field of Specialization: Entomology

Mervat Abdel Monem Shinaishin, Tala, Egypt
 B.S. (Alexandria University, United Arab Republic)
Field of Specialization: Nuclear Engineering

Jerry Lee Shoup, Wooster
 B.S.Agr.
Field of Specialization: Horticulture

Carl Leon Simpson, Columbus
 B.S.Ed. (Capital University)
Field of Specialization: Geology

Neville Bharat Singh, Georgetown, Guyana
 B.Sc.Eng. (University of Aberdeen, Scotland)
Field of Specialization: Civil Engineering

Umed Singh, Haryana, India
 B.A., M.A. (Panjab University)
Field of Specialization: Statistics

Susan Marie Skaggs, Morgantown, W. Va.
 B.S.H.E. (West Virginia University)
Field of Specialization: Home Economics

Quentin Robert Skrabec, Adrian Mich.
 B.S.E. (University of Michigan)
Field of Specialization: Metallurgical Engineering

Richard Allen Smucker, Goshen, Ind.
 B.S.Ed. (Goshen College)
Field of Specialization: Microbiology

Harold Leon Snyder, Greenville
 B.S.Agr.
Field of Specialization: Agricultural Education

William Westley Somers, Euclid
 B.S., O.D.
Field of Specialization: Physiological Optics

Sheridan Sharp Steele, Columbus
 B.S.Bus.Adm.
Field of Specialization: Natural Resources

Dale Herman Stevens, Columbus
 B.S. (University of Illinois)
Field of Specialization: Preventive Medicine

Sandra Morral Stewart, Columbus
 A.B. (Carleton College); M.D. (University of Rochester)
Field of Specialization: Pediatrics

Donald Leon Stuber, Amherst
 B.S.
Field of Specialization: Mathematics

Patrick David Sullivan, Columbus
 B.S.E.E.
Field of Specialization: Electrical Engineering

Hon-Cheung Francis Tam, Toronto, Ont., Canada
 B.Sc. (University of Toronto)
Field of Specialization: Electrical Engineering

Ashoka Kumar Tandon, Bihar, India
 B.S.E.E. (Ranchi University)
Field of Specialization: Electrical Engineering

Joel Adrian Tavormina, Elizabeth, N. J.
 B.S.Agr.
Field of Specialization: Animal Science

Leslie Paul Taylor, Euclid
 B.S.
Field of Specialization: Mathematics

Larmour Bryan Templeton, Baltimore, Md.
 B.S. (Morgan State College)
Field of Specialization: Mathematics

William Earl Thompson, Columbus
 B.S.Ed.
Field of Specialization: Geology

James Arthur Tolcher, Newport News, Va.
 B.S. (John Carroll University)
Field of Specialization: Industrial Engineering

Duane Arthur Tolle, Lafayette, Ind.
 B.S.A. (Purdue University)
Field of Specialization: Zoology

Donald Earl Town, Forestville, N. Y.
 B.A. (DePauw University)
Field of Specialization: Mathematics

Mary Arnett Townsend, Columbus
 B.S.
Field of Specialization: Zoology

Kathryn Meister Uebelhart, Teaneck, N. J.
 B.A. (Wittenberg University)
Field of Specialization: Zoology

Thiengtrong Vangpatnakuljai, Bangkok, Thailand
 B.Eng. (Chulalongkorn University, Thailand)
Field of Specialization: Electrical Engineering

Theodore Bashford Walter, Jr., Oberlin
 A.B. (Oberlin College)
Field of Specialization: Zoology

Lee Arthur Wanke, Columbus
 B.Pharm. (Washington State University)
Field of Specialization: Pharmacy

David Scott Weaver, Toledo
 B.S. (University of Toledo); D.D.S.
Field of Specialization: Dentistry

John Allan Weaver, Dayton
 B.S. in Engr. Phys. (Montana State College)
Field of Specialization: Physics

◎ Maria Mon Zou Wei, Waterloo, Ont., Canada
Field of Specialization: Horticulture

Ann Carol Welch, Columbus
 B.S. (University of Alabama)
Field of Specialization: Allied Medicine

* Also Bachelor of Science in Agriculture.
 ** Also Bachelor of Science in Food Technology, College of Agriculture and Home Economics

Ting-Ling Alice Wen, Taipei, Taiwan
B.S. (National Tsing Hua University)
Field of Specialization: Computer and Information Science

Daniel Jeff Whitner, Jr., Middletown
B.S. (Ohio University); D.D.S. (Howard University)
Field of Specialization: Dentistry

Peggy Wilder Wickliff, Toledo
B.S.Ed. (Miami University)
Field of Specialization: Botany

Michael Henry Wilder, Cincinnati
B.S. (Ohio University); M.D.
Field of Specialization: Preventive Medicine

Ernest Bryan Williams, Ellicott City, Md.
B.S. (Capital University)
Field of Specialization: Geology

Cynthia Elaine Winne, Columbus
B.S.Ed.
Field of Specialization: Allied Medicine

Richard Fred Woerner, Tremont, Ill.
B.S.I.M. (Purdue University)
Field of Specialization: Computer and Information Science

William Eugene Wooster, Columbus
B.S.Ed.
Field of Specialization: Genetics

Barry Lee Workman, Columbus
B.S.Agr.
Field of Specialization: Animal Science

Ellen Allison Young, Circleville
B.S.H.E.
Field of Specialization: Home Economics

Christian R. Zeidner, Columbus
B.S. (Heidelberg College)
Field of Specialization: Computer and Information Science

Master of Social Work

One hundred and thirteen candidates

Abdulahdi Mohammed Alawadi, Kuwait, Kuwait
B.S. (Central Missouri State College)
Field of Specialization: Social Work

Kathleen Marie Anderson, Taylor Falls, Minn.
B.A. (University of Minnesota)
Field of Specialization: Social Work

Kathleen Putirskis Anderson, Dayton
B.A. (University of Wisconsin)
Field of Specialization: Social Work

Dora Marie Lowenstein Auslander, Columbus
B.A. (American University)
Field of Specialization: Social Work

Barbara Steines Baisden, Warren
A.B. (Youngstown State University)
Field of Specialization: Social Work

Vicky L. Ball, Cincinnati
B.S.
Field of Specialization: Social Work

Richard J. Baumann, Cincinnati
B.A. (Loyola University)
Field of Specialization: Social Work

Patricia Kennedy Bender, Cincinnati
B.A. (Case Western Reserve University)
Field of Specialization: Social Work

Helene Rochelle Benjamin, Flushing, N. Y.
B.A. (State University of New York, Buffalo)
Field of Specialization: Social Work

Pamela Kruske Bennett, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Barbara Goldstein Bobb, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Damon Mark Bower, Dayton
B.A.
Field of Specialization: Social Work

Elizabeth Anne Boyd, Carrollton
B.A. (College of Wooster)
Field of Specialization: Social Work

Oneta E. Bradford, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Richard Lee Brown, Columbus
B.A. (Anderson College)
Field of Specialization: Social Work

Betty Shaw Brunsman, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Johanna Ayer Cameron, Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Nancy Loss Clark, Groveport
B.S.Soc.Wel.
Field of Specialization: Social Work

Margaret Kirgis Craig, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Judith Ann Cusin, Columbus
B.A. (University of Dayton)
Field of Specialization: Social Work

Barbara Lenore Cywinski, Pittsburgh, Pa.
B.A. (Duquesne University)
Field of Specialization: Social Work

Yvonne Davis, Chicago, Ill.
B.S. (Alcorn Agricultural and Mechanical College)
Field of Specialization: Social Work

Bernard Leroy Dillon, Mansfield
B.S.Ed.
Field of Specialization: Social Work

Celia Anne Drake, Columbus
B.A.
Field of Specialization: Social Work

Edna Jean DuBose, Cincinnati
B.A.
Field of Specialization: Social Work

Diane W. Eswine, Lorain
B.A. (Bowling Green State University)
Field of Specialization: Social Work

Linda Ann Ferguson, Parma
B.S.Soc.Wel.
Field of Specialization: Social Work

Kay Weber Forsyth, Akron
B.A. (University of Akron)
Field of Specialization: Social Work

Darrel Lee Fourman, Greenville
B.S. (Manchester College)
Field of Specialization: Social Work

M. Caroline Frost, Owensboro, Ky.
B.S. (Edgewood College); M.S. (Saint Louis University)
Field of Specialization: Social Work

Vinolia Peterside Fubara, Columbus
B.A. (Saint Thomas University, Canada)
Field of Specialization: Social Work

Roberta Doherty Fulton, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Wayne Joseph Fulton, Wilmington
B.S.J. (Ohio University)
Field of Specialization: Social Work

Millie Ann Gallagher, Portsmouth
A.B. (Morehead State University)
Field of Specialization: Social Work

JoAnn Marie George, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Teresa Louise Giuliani, Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Social Work

Marilyn Joslove Gold, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Marshall S. Gordon, III, Columbus
A.B. (West Virginia University)
Field of Specialization: Social Work

Carolyn Scheidler Gross, Worthington
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Joseph Talbert Hairston, Worthington
B.S.Soc.Wel.
Field of Specialization: Social Work

David Arthur Hamilton,
Fort Mitchell, Ky.
A.B. (Thomas More College)
Field of Specialization: Social Work

Imogene Wyatt Hamon, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

David Clark Hetzler, Columbus
B.A. (Parsons College)
Field of Specialization: Social Work

Jeffrey Nelson Hine, Pittsfield, Mass.
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Dorothy M. Hittner, Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Social Work

Connie Gallina Hoffman, Ashland
A.B. (Ashland College)
Field of Specialization: Social Work

Melanie Joan Howison, Columbus
B.A.
Field of Specialization: Social Work

Judith Seibert Hubert, Columbus
B.A. (Otterbein College)
Field of Specialization: Social Work

Daneen Julio Irving, Youngstown
A.B. (Youngstown State University)
Field of Specialization: Social Work

Frances Louise James, Columbus
B.A. (Ohio Dominican College)
Field of Specialization: Social Work

Alverna Ellen Jenkins, Cincinnati
B.A. (Fisk University); M.Ed.
(Xavier University)
Field of Specialization: Social Work

Addie Ruth Johnson, Bainbridge, Ga.
B.A. (Fort Valley State College)
Field of Specialization: Social Work

Walter William Jones, Columbus
B.A. (Midwestern University)
Field of Specialization: Social Work

Andrew Mark Juhas, New Castle, Del.
A.B. (Ohio University)
Field of Specialization: Social Work

Richard Robert Karges, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Ida Schreiber Katz, Cincinnati
B.S.Ed. (University of Cincinnati)
Field of Specialization: Social Work

Judith M. Kaufman, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Sister Mary Komar, Cincinnati
B.S. (Mercy College); M.Ed. (Xavier
University)
Field of Specialization: Social Work

Maureen Inez Krah, Cincinnati
B.A. (Blessed Sacrament College)
Field of Specialization: Social Work

Thomas Richard Layne, Columbus
B.A. (Whitworth College); B.D. (San
Francisco Theological Seminary)
Field of Specialization: Social Work

Earl Lawrence Lee,
Charleston, W. Va.
B.S. (Bluefield State College)
Field of Specialization: Social Work

Janet Elaine Tillman Lefler,
Oxford, Miss.
B.A. (University of Mississippi)
Field of Specialization: Social Work

Carol Kitchen Magee, Cincinnati
B.A. (Marietta College); M.L.S.
(University of Pittsburgh)
Field of Specialization: Social Work

Robert Joel Marx, Bellaire
A.B. (Ohio University)
Field of Specialization: Social Work

Eileen Marilyn Mayers, Cincinnati
A.B. (Stanford University)
Field of Specialization: Social Work

Alan Joseph McConnell, Columbus
B.S.Ed.
Field of Specialization: Social Work

Kathleen Ann McNamara, Zanesville
A.B. (Gettysburg College)
Field of Specialization: Social Work

Richard Lawrence Meth, Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Social Work

Valerie Smith Milless, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Lewis Oscar Moon, Cincinnati
A.B. (Wilmington College)
Field of Specialization: Social Work

Jere Lynn Morrow, Wellston
B.A., B.S.Ed., M.A.
Field of Specialization: Social Work

Annette Jean Mundon, Cincinnati
B.S. (Tuskegee Institute)
Field of Specialization: Social Work

Christopher Ann Munford,
San Francisco, Calif.
A.B. (Vassar College)
Field of Specialization: Social Work

Paulette Roberta Nosal, Donora, Pa.
B.A. (Duquesne University)
Field of Specialization: Social Work

Harriet Kaminsky Parsons,
Moss Point, Miss.
B.A. (Nasson College)
Field of Specialization: Social Work

Gail Lenore Peterson, Columbus
B.A. (Bowling Green State
University)
Field of Specialization: Social Work

Marion Lester Petry, Tipp City
B.A. (Manchester College); B.D.
(Bethany Theological Seminary)
Field of Specialization: Social Work

Larry Allen Postell, Dayton
B.A. (Wilberforce University)
Field of Specialization: Social Work

Joel A. Rabb, Jr., Columbus
A.B. (Earlham College)
Field of Specialization: Social Work

Bascom William Rathliff, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Curtis Larry Richardson, Portsmouth
A.B. (Ohio University)
Field of Specialization: Social Work

Glenn Edward Rohrer, Columbus
B.S.Soc.Wel.; M.Div. (Methodist
Theological Seminary)
Field of Specialization: Social Work

Sandra Lee Rubin, Trotwood
B.A. (Indiana University)
Field of Specialization: Social Work

James David Rundle, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Thomas Allen Ruppanner, Cincinnati
B.A. (Bowling Green State University)
Field of Specialization: Social Work

Cathy E. Sales, Alliance
B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work

Janet Elias Sanders, Columbus
B.S. (New York University)
Field of Specialization: Social Work

Carol Ritenour Schroeder,
Miamisburg
B.A. (Youngstown State University)
Field of Specialization: Social Work

George William Sheppard, Ashland
B.A., M.S. (University of Nebraska)
Field of Specialization: Social Work

Alice Davis Skirtz, Cincinnati
B.A. (Baldwin-Wallace College)
Field of Specialization: Social Work

Rosemary P. Slana, Oak Park, Ill.
B.A. (College of Saint Catherine)
Field of Specialization: Social Work

Michael Lane Smith, Mansfield
A.B. (Ohio University)
Field of Specialization: Social Work

Susan Ellen Smith, Fairfield
A.B. (Rutgers—The State University)
Field of Specialization: Social Work

Carol Marie Edminster Spencer,
Dayton
B.A. (Elmira College)
Field of Specialization: Social Work

Beverly Ann Stadum, Columbus
B.A. (Augsburg College)
Field of Specialization: Social Work

Thomas R. Standish, Baden, Pa.
B.S.Agr. (West Virginia University)
Field of Specialization: Social Work

Solomon Taylor, Jr., Cincinnati
B.A. (University of Cincinnati)
Field of Specialization: Social Work

Janet Jean Thomas, Urbana
B.S.
Field of Specialization: Social Work

Leonard Stephen Thomas, Cincinnati
B.S.Soc.Wel.
Field of Specialization: Social Work

Jan Dalene Thompson, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

David Thomas Timm, Dayton
B.A.
Field of Specialization: Social Work

Kathleen Ann Titus, Fairborn
B.S.Ed. (Wright State University)
Field of Specialization: Social Work

Nancy Joan Van Antwerp, Avon Lake
B.A. (Miami University)
Field of Specialization: Social Work

Constance Ruth Voldrich, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Shirley Ann Walker, Austin, Tex.
B.A. (University of Texas)
Field of Specialization: Social Work

Louise Strauss Warner, Cincinnati
B.S. (Xavier University)
Field of Specialization: Social Work

Brenda Loretta Watkins,
Roanoke, Va.
B.A. (Hampton Institute)
Field of Specialization: Social Work

Joan Taylor Welker, Columbus
B.S.Soc.Wel.
Field of Specialization: Social Work

Barbara Victoria Welsh, Cincinnati
A.B. (College of Mount Saint Joseph
on the Ohio)
Field of Specialization: Social Work

Margret Elizabeth Short West,
Fairborn
B.A. (Our Lady of the Lake College)
Field of Specialization: Social Work

Joseph Eugene Williams,
Allentown, Pa.
B.A. (Moravian College)
Field of Specialization: Social Work

Penny Diane Winkle, Northfield
B.S.Soc.Wel.
Field of Specialization: Social Work

Claudia Kathleen Zeitsoff,
Stockton, Calif.
B.A. (University of San Francisco)
Field of Specialization: Social Work

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

College of The Arts

Dean: Lee Rigsby

Bachelor of Arts

Twenty-three candidates

Charles Joseph Ambrose, Bedford
Joseph Arthur Christian Crislip, Painesville
Janice Gwendolyn Davis, Wichita, Kan.
¹ Carol Marie Demos, Louisville, Ky.
Jeffrey Layne Duteil, Wheelersburg
Dorothy May Garwood, Columbus
Jamie Glunt Hutchinson, Columbus
William Howard Kirchhoff, New Albany
Wendy Robin Konneker, Columbus
Linda Mae Kramer, Cambria Heights, N. Y.
Conya Sue Lawson, Dayton
Jessica Elizabeth Locke, Monclova
Betsy Srere Lowenstein, Franklin, Mich.
Suzanne Marshall Nevius, Columbus
Raymond Paul Richards, Laconia, N. H.
Leslie Buthany Smith, Worthington
Sara Ruth Swope, Columbus
William Joseph Usher, Bucyrus
Leo George Walter, Centerville
Madelyn Michelle Weber, Mansfield
Joseph Winters Weidner, Uniontown
Kathie Joyce Wolk, Dayton
Jeffrey Jerome York, Dayton

Bachelor of Fine Arts

Fifty-two candidates

Walter John Adamkosky, Columbus
Mary Elizabeth Altgelt, Akron
Susan Louise Armes, Bellbrook
Brandt Alan Arthur, Springfield
Kathy Hofer Bachman, Columbus
Georgia Connor Burns, Columbus
Ann Louise Byal, Toledo
Lois Sandra Claster, New Rochelle, N. Y.
Ann Adele Clayton, Carroll
Cheryl Lynn Coffman, Tiffin
² Carol Marie Demos, Louisville, Ky.
Tore Djupedal, Canton
Susan Margaret Galbreath, Columbus
Barbara Jean Grundstein, Columbus
Pamela Thomas Hamilton, Columbus
David Alfred Hartmann, Columbus
Toby Lee Hendrickson, Dayton
³ James Trent Herselman, Wadsworth
Maryanne Elizabeth Hoffman, Youngstown
Valerie Cookson Hopperton, Columbus
Ann Jacoby, Brooklyn, N. Y.
Marianne Margaret Knue, Cincinnati
Marcia Sweet Kohn, Columbus
Janet Dunlap Leon, East Liverpool
Kristine Louise Lindahl, Rochester, N. Y.
Mary Christine Ludwig, Painesville
David Wesley Melton, Columbus
Laurel Lynn Mylan, Macedonia
Malinda Lee Nelson, Columbus
Sandra Lee Olson, Forestville, Conn.
Judson Paul Pealer, Columbus
James Angelo Pernotto, Youngstown
Barbara Eileen Perry, Urbana
Virginia Anne Purcell, Cincinnati
Jennie Lin Robbins, Lakewood
Lindsey Lee Satterfield, Port Clinton
Philip Joseph Schlingerman, Columbus
John Carl Schmidt, Mansfield
Bonnie Catherine Schoenborn, Columbus
Deborah Anne Seigel, Kettering
Donna May Shall, Toledo
Deborah Lyn Snow, Wooster
Joanne Valaska Spratt, Columbus
Martha Roberts Steffy, Columbus
Jeannette Louise Sunderman, Westerville
Cheryl Lynn Taunt, Plymouth, Mich.
Thomas Edmund Wachunas, Alliance
Mary Frances Waltz, Columbus
Michael Albert Wasemann, Mansfield

Jean Ellen Williams, Delta
Robert Lee Wilson, Dayton
Marta D. Zeigler, Battle Creek, Mich.

Bachelor of Music

Thirteen candidates

Margaret Jane Ahrens, Lakeside
Ann Campbell, Mansfield
Sandra Jill Emig, Valley Stream, N.Y.
⁴ Norman Edward Isaac, Charleston, W. Va.
Miriam Celia King, Mansfield
Albert Laszlo, Worthington
Daniel Edward Mason, Blacklick
Janet Thompson Mooney, Columbus
Loukas John Photos, Marion
Randy Blackwood Shira, Columbus
Anne Merrill Stewart, Columbus
Karen Nimereala VanGilde, Alliance
Teresa Maria Vicario, Columbus

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education
Candidates are listed on page 54

Bachelor of Science in Industrial Design

Twenty-four candidates

Douglas Evan Bachman, Columbus
Lawrence Edward Barbera, Columbus
Warren Scott Bennett, Lafayette
Craig Kay Benzenberg, Circleville
Martin Lee Biel, Dayton
Ronald Chester Bohus, Mansfield
Christina Marie Bozzuto, Cincinnati
Robert John Costman, Columbus
Larry Jay Dostal, Brecksville
Philip Eugene Glover, Columbus
Warren James Harper, Jr., Columbus
William Roger Harrington, Columbus
Samuel Edwin Hibbs, Columbus
James Richard Kokai, Jr., Columbus
Jeffrey Randolph Lahna, Rocky River

¹ Also Bachelor of Fine Arts, Colleges of the Arts and Sciences.

² Also Bachelor of Arts, Colleges of the Arts and Sciences.

³ Also Bachelor of Art Education, College of Education.

⁴ Also Bachelor of Music Education, College of Education.

Janet Christie Muhleman, Bellbrook
Willard Edwin Mumford, Jr.,
Columbus
Frank Albert Ohlemacher, Columbus
Steven Mark Rosenbaum, Columbus
Roman Anthony Sapecki, Lorain
Richard Thomas Skopin, Columbus
Homer Alfred Smith, Springfield
Gregory Craig Watling, Cleveland
John Stephen Wearstler, Columbus

College of Biological Sciences

Dean: Richard Bohning

Bachelor of Arts

Forty-four candidates

William Arnold Apel, Waverly
Robert Arthur Atwell, Columbus
Ralph Edward Barker, Jr.,
North East, Pa.
John Robert Boyle, Columbus
Michael Dale Brogan, Canton
Bruce Arnold Byron, Columbus
Jeffrey Hale Caufield, East Cleveland
Jacqueline Kay Cesario, Dillonvale
Gordon Douglas Cremer, Columbus
Cass Miller Cullis, II, Bryan
James Edward Davis, Eaton
James Bruce DeStephens, Columbus
Gregory Alan Elkins, Dayton
John Frederick Flory, Columbus
Allen Louis Gaspar, Whitehouse
Ted William Grace, Scio
Lynn Francis Haines, Tiffin
Randy Lee Hanzlick, Salem
Linda Rose Hoersten, Lima
Pamela Ann Hurst, Portsmouth
Jeffrey Steven Kahn, Matawan, N. J.
Steven Douglas Kilian, Waynesville
Ronald Charles Klein, Brooklyn
David Earl Lahmers, Columbus
Howard Andrew Laife, Columbus
Douglas Robert Livingston, Akron
Mark Andre Medvedeff, Akron
Peter George Michalos, Canton
Dennis Joseph Miller, Van Wert
John Anthony Montevideo, Niles
Donald Arthur Moore, Eaton
William Evan Myers, Jr., Akron
John Mark Phillips, Columbus
Beverly Ann Rieser, Grove City
Alan Stuart Rosenthal,
Livingston, N. J.
Steven McKinley Scurlock,
Portsmouth

Randi Kyle Slivinske, Mentor
Roland Mark Stover, East Liverpool
Stephen William Thacker, Centerville
William Edwin Thompson, Columbus
Winkler Gabriel Weinberg, Columbus
Stephen Joseph Weiss, Columbus
David Ives Yeager, Garfield Heights
Philip Michael Zack, Zanesville

Bachelor of Science

One hundred and ninety-five candidates

Aazy Arthur Aaby, Canton
Gerald Eugene Ackerman, Louisville
Rebecca Joanne Adams, Fairborn
Robert Clark Adams, Columbus
Jerry Wayne Addison, Baltimore
Sheila Elaine Aldrich, Ashley
Howard Gary Altschuler, Worthington
Thomas Lawrence Anderson,
Reynoldsburg
Paul Allen Andres, Dayton
Joseph John Arcuragi, Jr.,
East Liverpool
Frederick Jay Arnold, Euclid
Gailon Seckel Baker, Columbus
Bruce Charles Baloy, Columbus
Bruce James Barber, North Olmsted
William Henry Bennett, Portsmouth
Jerry Berkowitz, South Euclid
Lois Ann Bethel,
South Charleston, W. Va.
William Lee Birch, Jr., Columbus
John Milton Blankenhorn, Cincinnati
Daniel Eugene Blickenstaff, Columbus
Alexander Louis Bournias, Warren
Donald Lindsey Boyd, Columbus
David Ray Brandau, North Canton
Mary Lou Feidner Brown, Columbus
John Thomas Broyles, Columbus
Barbara Sue Burson, Memphis, Tenn.
Donald Hein Cameron, Toledo
Marc Lee Carroll, Columbus
Tak Ming Cheung, Columbus
Leonard John Chmielewski, Columbus
Wayne Richard Clayman, Columbus
Richard Glen Cline, Grove City
William Thomas Coleman, Dayton
Susan Jane Cooperrider, Columbus
Richard Stephen Crim, Gallion
Robert Owen Cuckler, Jr., Chillicothe
Paul Alan Cunningham, Columbus
Edward William Dacey, Jr.,
Cincinnati
George Nicholas Darah, Toledo
Bruce Nelson Davis, Frankfort
Laraine Marie Davis, Jackson
Terence Martin Dolak, Columbus
James Richard Donaldson, Columbus
Jonnie Quantz Donaldson, Columbus
James Gordon Douglas,
Cuyahoga Falls
Scott Edward Duffy, Chillicothe
Robert Allen Durbin, Columbus
Patricia Williams Eby, Columbus
Barry Stuart Eisenkraft, Columbus
David Alan Evans, Johnstown, Pa.
Jeffrey Blair Fine, South Euclid
David Allan Fink, Columbus
B.A.
Lorin Mark Fink, Beachwood
Kathleen Kay Finn, Shelby
David Jonathan Fitz, Worthington
David Wendell Foltz, Kettering
Bryan Lee Foreman, Vincent
John Arthur Fouke, Columbus
Donald Lorry Freidenberg, Columbus
Stewart Jay Friedman, Cincinnati
Gary Wayne Gammage, Columbus
Bruce Allen Gasparollo, Worthington
Elizabeth Veronica Gesner, Columbus
Alan Paul Goldberg, Rahway, N. J.
Michael Alan Gray, Shelby
Marc Robin Greenbaum,
Shaker Heights
Christopher Thomas Haas,
Chesterland
William Francis Hackett, Hubbard
James Francis Haninger, Gahanna
Clifford Keary Harmon, Chagrin Falls
Stephen Paul Hartz, Columbus
Jon Leonard Hautzenroeder,
Columbus
Robert Lewis Heacock, Columbus
Allen Powell Heald, Jr., Columbus
Charles Kenneth Henderson,
Columbus
Celeste Marie Henkel,
Allison Park, Pa.
Steven Wayne Hewett, Tiffin
Robert Patrick Hiller, Columbus
Mark Edward Hines, Columbus
Timothy J. Hissong, Englewood
Barron Wesley Hixon, Columbus
James Patrick Holmes, Niles
Michael Stephen Hornuth,
Rockville, Md.
Jennifer Kay Horton, Bay Village
Thomas Roy Hutchinson, Brecksville
Garth Lee Ireland, Columbus
Steven Ira Jacobs, Cleveland Heights
Brent Marco Jones, Prairie View, Tex.
David Richard Jones, Hebron
Donald M. Kahn, Valley Stream, N. Y.
Frank Charles Karash, Jr., Columbus
Michael Karram, Defiance
John Frederick Kaumeyer, Columbus

Kenneth Robert Keener, Painesville
 Paul Edward Kelemen,
 West Long Branch, N. J.
 Dennis Donald Kilkenny, Columbus
 Dennis Peter Kreuzberg, Lima
 Andrew Stephen Krupa, Youngstown
 Mark Douglas Latta, Postoria
 Kim Allen Laurell, Columbus
 Kenneth Laureno, University Heights
 Paul Conrad Leidheiser, Jr., Columbus
 Pamela Ruth Levin, Columbus
 Albert Henry Lewandowski, Cleveland
 Paul Dennis Lifland, Columbus
 Thomas Carl Logan, Columbus
 William John Lutmer, Lebanon
 James Edward Macklin, Columbus
 John David Mahilo, Columbus
 Charles Leon Mason, Alliance
 Edward Yoshio Matheke, Euclid
 Michael Kent McCloud, Columbus
 Jay Lee McCreary, Upper Sandusky
 Mark Allan McDonnell, Delaware
 Patrice Joan McMahon, Willowick
 Thomas Lloyd McMichael,
 Spencerville
 Gary Mitchell Meckler,
 University Heights
 Rebecca Ellen Brooks Metzler,
 Columbus
 James Lynn Michael, Columbus
 Mark Allen Mitchell, Springfield
 Michael Joseph Moffitt, Stow
 Carolyn Sue Moore, Columbus
 Donald Dominic Muccio, Columbus
 Larry Allen Nance, Columbus
 John Franklin Nawrocki, Columbus
 John Franklin Neale, III, Columbus
 Nancy Ann Nelson, Columbus
 Richard Paul Newman,
 Whitestone, N. Y.
 Joseph Cleveland Opdycke,
 Washington, N. J.
 Richard Allen Ott, Parma
 Joseph Lawrence Panzner, Akron
 Debby Lou Parenti, Campbell
 Dennis Lee Parmer, Alexandria
 Michael Paulus, Columbus
 Robert Dale Pearl, Columbus
 Christopher Andrew Pensiero,
 Sandusky
 Heather Davis Betrolla, Kinsman
 Stephen Herbert Pick, Cincinnati
 Donald Edwin Pickenpau, St. Clairsville
 Michael Anthony Pikos, Campbell
 Douglas Carl Prasher, Lansing, Mich.
 Richard Lee Press, Dayton
 Brian James Rairick, Copley
 David B. Reynolds, Tipp City

Elliott Ferguson Rice, Jefferson
 Christopher Allen Ringle, Westerville
 Stephen Lawrence Ruedrich, Dayton
 David Rutkoff, Youngstown
 Bruce Everett Sands, Cleveland
 Linda Diane Saville, Sabina
 Patrick Joseph Scarpitti, Columbus
 Richard Lee Scherbarth, Columbus
 Marcia Ruth Schmid, Bay Village
 Mark Ridinger Schmitt, Columbus
 Mark Cole Schmittgen, Elyria
 Harry Anthony Schutte, III
 Westerville
 Sheila Scott, Ridgfield, Conn.
 Richard Hampton Scurlock, Columbus
 Mark Louis Segal, Cleveland Heights
 John Paul Sestito, Columbus
 Phillip Byron Shaffer, Grove City
 John Cashon Shamp, Zanesville
 Jeffrey William Sheets, Columbus
 Lauren Thayer Simpson, Columbus
 David Anthony Skiffey, Niles
 Andrew Charles Smith, Portsmouth
 Constance Ruth Smith, Belpre
 David Wayne Spillar, West Richfield
 August Edward Spreitzer, Cleveland
 Martha Joan Stechschulte, Ottawa
 Robert Elmer Stuart, Columbus
 Mark Allen Sweikhart, Dayton
 Gerald Anthony Teresk, Ashtabula
 Gregg Lee Testerman, Lebanon
 Timothy James Thieroff, Columbus
 Stephen Bernard Tonnies, Cincinnati
 Mark Leslie Tower, Newark
 Richard William Townsend,
 Wilmette, Ill.
 Lynda George Treat, Columbus
 William Walter Troeger, Ashland
 Robert Wagenhals, Jr., Columbus
 Thomas Edward Ward, Columbus
 Craig Robert Warmuth,
 Cuyahoga Falls
 William Alan Warner, Columbus
 John Anthony Weisenseel, Lyndhurst
 Steven Elliot Weiss, Jericho, N. Y.
 Susan Marie Welch,
 San Francisco, Calif.
 Jimmie Eugene Wellman, Jr.,
 Columbus
 Robert Sheldon Wendland,
 Maple Heights
 Ronald Gene Whitney, Fairborn
 B.A. (University of Virginia)
 Michael Eugene Williams,
 New Vienna
 Timothy James Wolf, Westerville
 Patricia Jean Wolkman, Alliance
 Larry Stanford Zukerman, Columbus
 James Weston Zulliger, Lima

College of Humanities

Dean: Arthur Adams

Bachelor of Arts

Two hundred and six candidates

Joellen Lindamood Amrine,
 Worthington
 Arthur Andlinger, III, Martins Ferry
 Sharon Bailey, Elida
 Ronald Thomas Bakondy, Toledo
 Laurie Ann Beamer, Sandusky
 Carol Ann Becka, Newark
 Leslie Rubenstein Benjamin, Cleveland
 Nicholas James Betsacoon, Columbus
 Karen Jeanne Blackwell, Columbus
 Richard Wayne Blevins, Columbus
 Cheryl Lynn Borrer, Conover
 Marilyn Ann Boyer, Independence
 Melanie Cavendish Braithwaite,
 Westerville
 Harvey Joel Bratt, Beechhurst, N. Y.
 Robert Joseph Breinich, Columbus
 Daniel Leo Brennan, Sandusky
 James Nicholas Brozovich,
 Stebenville
 *Eric Robert Bush, Wellsville
 Nicholas William Calderone,
 Columbus
 Lisa Christine Carcon, Georgetown
 Mark Michael Carissimi, Columbus
 Richard Eric Carlson, Columbus
 Michael Paul Chapin, Pierpont
 Ascenzo Robert Ciotola, Columbus
 June Ann Clayton, Cincinnati
 Eleanor Rangaves Connolly,
 Columbus
 Kathleen Benson Cook, Columbus
 Paul Joseph Cook, Columbus
 Sharon Louise Cooley, Lima
 Daniel Edward Cuffiss, Cincinnati
 Frank Carol Dickerson, Mt. Gilead
 Judith Ellen Donnan, Perrysburg
 Rose-Marie Drake, Columbus
 Barbara Susan Dungan, Columbus
 Patrick Swan Dynes, Columbus
 George Gardner Easton, Cleveland
 Jane Anne Firak, Brecksville
 Roberta Lane Fisher, Columbus
 Jerry Vance Flowers, Columbus
 Kathleen Marion Fogarty, Columbus
 Michelle Foltz, Westerville
 Alexandra R. Foureman, Columbus
 Brian Lee Friedman, Columbus
 Janet Youtz Fuller, Urbana
 Kendra Michelle Gailium, Columbus
 Beatrice Gelb, University Heights

* Also Master of Arts. Graduate School

John Joseph Gideon, Worthington
 Wesley Lee Glasgow, Mansfield
 Mary Ellen Glass,
 Highland Park, N. J.
 Larry Alan Goodman,
 University Heights
 Myreda Ruth Gorgas, Ashland
 Thomas Wayne Goslee,
 North Royalton
 Margery McClees Gram, Perrysburg
 *Stephen Paul Grassbaugh, Mansfield
 Mitchell David Gravo, Louisville
 Gail Lynn Gregory,
 Yorktown Heights, N. Y.
 Mary Raynor Grieshop, Columbus
 Mary Shaffer Grimes, Columbus
 Michael Howard Gruhin, Pepper Pike
 Martha Kathy Gutsell, Cincinnati
 Dorothy Halsey, Columbus
 Richard Eugene Hartley, Dayton
 Lynn Marie Hecklinger, Columbus
 John Houston Heintz, Gambier
 Thomas Anthony Held, Columbus
 Steven Boyd Helton, Englewood
 Richard Allan Heysek, Chesterland
 Louise Diane Hock, Cincinnati
 Charlene Susan Holback, Canton
 Nancy Jean Hoovler, Fredericktown
 Janet Pautsch Hopkins, London
 Gregory Alan Howard, Columbus
 Susan Jane Hubbard, Columbus
 Joseph Wayne Hull, Columbus
 Steven Howard Hunter, Hamilton
 Ann Jackowski, Toledo
 Alice Ann Jardine, Dayton
 Carol Christine Johnson, Columbus
 Scott Weyburn Johnson, Columbus
 Charlene Diane Jones, Columbus
 Ruzica Kapetanovic, Powell
 Virginia Susan Myers Kelley,
 Columbus
 Richard Martin Kent,
 West Hollywood, Calif.
 Ted Alan Kinney, Marietta
 Sharon Leigh Kite, St. Clairsville
 Roger Lynn Kleinman, South Euclid
 *Ingeborg Marianne Kossmann,
 Columbus
 Joseph M. Krak, Jr., Westerville
 Scott Michael Krantz, Chicago, Ill.
 Michael Richard Krotz, Mansfield
 Ronald Lee Kursman,
 University Heights
 Martha Jane Lambert, Columbus
 Jeffrey Richard LaVoy, Maumee
 *Larry Lee Leasure, Columbus
 Roger Neal LeMaster, Columbus
 Tamar Yetta Lewin, Columbus

†Norreen Kay Leyden, Toledo
 Timothy Charles Lloyd, Columbus
 Thomas Clark Loening, Columbus
 Thomas Logan, Lorain
 Linda Boehler Long, Columbus
 Richard Lee Louth, Van Wert
 Daniel Luskevich, Cambridge
 James Perry Lutton, Columbus
 Richard Michael Malone, Columbus
 Manousa Emmanuel Manos,
 Cuyahoga Falls
 Jedd Mercer Maple, Columbus
 Richard Melvin Maxey, Columbus
 John Bruce McCallum, Worthington
 Patricia Ann McGinn, Vienna, Va.
 Robert Dalby McKinney, Columbus
 William Emil Meyer, Columbus
 Raymond Richard Michalski, Lorain
 Stephanie Evelyn Milkovich,
 Wintersville
 Sharon Ann Mitchell,
 West Highland, Calif.
 B.S.Ed.
 Eric William Moll, Kettering
 Sven Lennart Moller, Columbus
 Timothy Robert Montler, Mentor Lake
 Debra Kay Moore, Galloway
 Michael Edwin Mueller, Euclid
 Thomas Lynn Mumaw, Dalton
 Bernard Allison Naylor, Columbus
 Michelle Trumbull Neff, Columbus
 Randall Craig Neidenthal, Columbus
 Susan Elizabeth Newman, Columbus
 George Richard Nickerson, Columbus
 *John Walter Niehaus, Delphos
 Eugenia Ida Nisenholz, Dayton
 Linda Louise Nolt, Worthington
 Gregory Aloysious Norton, Fremont
 Ann Carey Ortman, Pittsburgh, Pa.
 Linda Jean Wilson Oxley, Columbus
 Robert Joseph Palmer, Columbus
 Alan Bruce Pancik, Cleveland
 Patrick Lawrence Pancoast,
 Birmingham, Mich.
 Hunter Davidson Parker, Jr.,
 Columbus
 John David Pasco, Cuyahoga Falls
 Joseph David Patacca, Columbus
 Barbara Elise Perry, Perrysburg
 †Loren Michael Petry, Akron
 Patrice Renee Powell, Waynesville
 Susan Cary Prodell, Columbus
 Karlin Russell Puhle, Powell
 *Michael Paul Rarick, Columbus
 James Anthony Rego, Rocky River
 Diane Mary Reif, Cincinnati
 Allen Jeffrey Reis, University Heights
 Elliott Ian Resnick, Beachwood
 Alice Elizabeth Reuter, Columbus

Edwin Clair Rhinehart, Columbus
 Daniel Francis Rich, Oceanside, N. Y.
 Stephen Charles Rodcheffer, Columbus
 Randall Warren Roehll, Columbus
 †Carla Susan Rogers, Toledo
 Joyce Willis Rose, Columbus
 Nancy Evelyn Rosenbaum,
 Greatneck, N. Y.
 Judith Mae Rosenberg, Dayton
 Barbara Ann Rosenblum,
 West Hempstead, N. Y.
 Donald Morgan Rosenfeld, Columbus
 Kristine Agnes Roth, Canton
 Gary Earl Sargent, North Royalton
 William Mark Schmitz, Ashland
 Jeffrey David Schwartz, Cleveland
 Drina Rae Schwede, Cleveland
 Joann Serafin, Cleveland
 Marcus Zellick Shar, Columbus
 David Alan Sheldon, Columbus
 Kathleen Ann Sherman, Lima
 Barbara Joyce Slutsky,
 North Miami Beach, Fla.
 †Barbara Jean Smith, North Canton
 Linda Faye Smith, North Canton
 Michele Justine Smolewski,
 Pickerington
 Lawrence Jeffrey Soifer,
 East Meadow, N. Y.
 Gloria Eyerly Soliday, Columbus
 Forrest Fay Stanley, South Euclid
 Lloyd George Stephenson, Jr.,
 Columbus
 Virginia Melick Stith, Columbus
 Shellie Jean Stratton, Columbus
 Cynthia Ann Straub, Toledo
 Nancy Ellen Strauss, Hamilton
 James Suglio, Middleburg Heights
 Frank John Svaty, Cleveland
 ‡David George Swank, Zoar
 Barbara Merlo Talbott,
 Milwaukee, Wis.
 Bruce David Taubman,
 Cleveland Heights
 John Lee Thalman, Columbus
 Thomas Paul Vergamini, Columbus
 Steven Daniel Walker, Westlake
 †Barbara Macklin Wasiloff, Columbus
 Randall Allen Wasserstrom, Columbus
 John Robert Watt, Columbus
 *Robert Paul Welker, Columbus
 Anne White, Newark

* Also Bachelor of Science in Education,
 College of Education

† Also Doctor of Dental Surgery, College of
 Dentistry

‡ Also Certificate of Graduate Dental Hygienist,
 College of Dentistry

‡ Also Master of Arts, Graduate School

John Alan Whittington, Springfield
Deborah Ellen Wilczek,
McMurray, Pa.

Francoise Marie Wilson, Columbus
*James Charles Wilson,
Memphis, Tenn.

Mona Lee Wise, Elyria
Arlie Carlos Woodrum, Bucyrus
Stephen Ware Wright, Columbus
Mary Theresa Young, Columbus
Edwin Bruce Zaslow,
South River, N. J.

Penelope State Zimmerman, Columbus
**Karen Frances Zuga, Vienna
Michelle J. Zurawski, Nutley, N. J.
Paul Frederick Zuzich, Atlanta, Ga.

College of Mathematics and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

Twenty-eight candidates

Ronald David Augustine, Columbus
Michael Simon Barson,
Cleveland Heights

Cheryl Yvonne Bellamy, Columbus
Anna Boner Bendig, Columbus
Kim Cornelius Calvo, Canton
Howard Joseph Cheshire, Wadsworth
Ann Elizabeth Corrigan,
Fleet Post Office, N. Y.

Thomas Harold Fate, Cardington
Robert Earl Gray, Columbus
Thomas Paul Gray, Columbus
Claudia Mae Guenther, Shelby
Randil Albert Hinderer, Columbus
Joel Albert Hunt, Cincinnati
Melvin Douglas Jackfert,
North Olmsted

Joanne Florence Kahan,
Valley Stream, N. Y.

Billie Jo Lacy, Columbus
Jacqueline Lee Lamb, Columbus
Robert Christopher Larkin,
Worthington

Stuart Irwin Lauer, Bethpage, N. Y.
Jeffery James Marczak, Oregon
Marsha Cox Nolan, Columbus
Charles Austin Parker, Dayton
Karen Marie Thompson, Rumson, N. J.
Carol Ann Tomastik, Chillicothe
Kathryn Sue Turner, DeGraff

Peter Ramsey Watkins, Columbus
Doyle Eugene Westbrook, Columbus
Daniel Robert Zupancic,
Cleveland Heights

Bachelor of Science

Ninety-three candidates

John Thomas Archer, Bellevue
George William Barnett, Jr. Columbus
James Edward Barrick, Centerburg
Dale Harry Bassett, Parma
Robert Michael Beathard, London
David Keith Becker, Columbus
Paul Alan Benzing, Cincinnati
Robert Joseph Bogdan, Parma
Robert James Brokaw, Columbus
Anthony Joseph Carroll,
Falls Church, Va.

Patricia June Carstensen, Martin
Ernest Allen Cika, Martins Ferry
Harvey W. Clark, Jr., Mansfield
Alan Barry Cline, Columbus
James Edward Curl, Columbus
Frank Salvatore Decaria,
Weirton, W. Va.

Zane Frederick DuBour, Columbus
David Irvin Duncan, Kettering
Ronald Robert Earls, Columbus
Donald Frederick Earnest, Stow
Larry Joseph Elmore,
Montgomery, Ala.

Ann Judith Epstein, Columbus
Michael Steaven Fitiak, Parma
Thomas Foy, Jr., Columbus
James Dowd Gale, Pittsburgh, Pa.
Roger Wayne Gallagher, Powell
Edward Frank Geneva, Akron
John Martin Ghist, Bucyrus
David G. Glazer, Plainview, N. Y.
Robert John Glazier, Toledo
Gary Charles Grimes, Columbus
William Frederick Guenther,
Columbus

Kathryn Ann Hagy, Marietta
William Herbert Harr, Hamilton
Richard Westfield Harrison, Columbus
Gene Harvey Heskett, Columbus
Paul Richard Hitchcock, Heath
Gary Robert Houk, Roanoke, Va.
Kirby Brian Hughes, Dayton
Paul Wesley Jones, Belle Center
William Gary Jones, Muncie, Ind.
David Nelson Kaufman, Glenmont
Michael Frederic Kauntz, Columbus
Jeffrey Peter Kettrey, Columbus
Michael Andrew Kovash,
North Canton

Mark Alan Kramer, Shaker Heights
Terry Lee Kratzer, Columbus
John David Kusner, Mayfield Heights
James Allen Lahm, Columbus
Dennis Richard Lann, South Euclid
Ricky Lee Lapp, Fresno
Thomas Alan LaRotonda, Lima
David Jay Lehman, Wooster
Daniel Stewart Levy, Lima
Carol Ann Long, North Olmsted
John Lawrence Macy, Mansfield
Keith Edgar Mealy, Vienna
Richard Eugene Mercer.

Chagrin Falls
Jeffrey Dean Meyers, Cuyahoga Falls
Charles Thomas Mullis, Newark
John Robert Muskopf, Beach City
Edward Richard Niple, Columbus
Paul Franklin Otto, Ottawa
Wallace Troy Petrey, Wakeman
John Victor Pluth, Columbus
Randall Wayne Potter, Kettering
Steven Charles Prochaska, Findlay
Patrick Daniel Queen, Zanesville
David Anthony Rogers, Dayton
Donald Walter Root, Jr., Cleveland
Nadine Rusyniak, Brooklyn
Gary Mansfield Schaal, Columbus
Ralph Stephen Sheridan, Columbus
Donald Leo Smith, Mansfield
Harry Eugene Smith, Jr., Gahanna
Daniel Thomas Snyder, Dayton
George Sonneborn, Jr., Dayton
Dean Edward Stitzlein, Loudonville
Patti Linn Strausser, Ashtabula
Paul Edward Strup, Columbus
Charles Joseph Sullivan, Dayton
Wayne Holland Taliaferro, Columbus
Walker Ray Terry, Ironton
Richard Van de Geer, Columbus
Garrett Neal Vaughn, Carey
David James Vickers, Cincinnati
Kathy Louise Walker, East Liverpool
Thomas Eugene Wemlinger, Columbus
Marion Douglas Wetherill, Columbus
Norman Mark Whiteman, Boardman
James Edward Wilson, Columbus
Thomas James Worcester, Stow
Suyun Yeh, Columbus

* Also Master of Arts, Graduate School
** Also Bachelor of Science in Education,
College of Education

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Bachelor of Arts

Four hundred and seventy-eight candidates

Cynthia Kay Abel, Fostoria
 *Doris Lugosi Abrams, Chicago, Ill.
 James Patrick Agosto, Rochester, N.Y.
 Alexander John Albert, Avon Lake
 Janenne Allen, Chillicothe
 John Michael Andrews, Columbus
 Lynn Cheryl Androne, Berea
 William George Angert, Columbus
 Gordon Allen Arnold, Newark
 Alan Stuart Axelrod, Akron
 Alfred William Baker, Zanesville
 Bruce Dennis Baldwin, Beach City
 William Frederick Ballam, Jr., Columbus
 Karen Susan Bame, Columbus
 Sandra Dunleavy Banko, Mentor
 Carol Lee Barnum, Columbus
 Carolyn Sue Bavera, Waynesburg, Pa.
 Betty Jo Beeler, Bellevue
 Charlotte Furbush Bell, Newark
 Stanley Cummins Bender, Wheelersburg
 Anna Benetatos, Columbus
 Stuart Jay Benson, Jr., Columbus
 John Lawrence Berg, Cincinnati
 Kathleen Sue Biery, Martins Ferry
 Dan Jay Binau, Upper Sandusky
 Scott Thurman Binder, Columbus
 James Andrew Black, Richfield
 Cheryl Sue Blank, Pittsburgh, Pa.
 Ellen M. Bluestone, Cedarhurst, N.Y.
 Barbara Ann Bobash, Rossford
 Harold Dale Bogart, South Euclid
 Bruce Allen Boise, Troy
 Bernard Eugene Boraten, Lima
 Betty Jane Bossick, Wintersville
 Clarence Walter Bower, II, Columbus
 Alan Dexter Bowman, Cincinnati
 Cathie Sue Brandon, Findlay
 Doris Gwen Breeding, Akron
 James Owen Brennan, Jr., Columbus
 Therese Ann Brett, Ravenna
 John David Brooks, Columbus
 Bruce Frederick Browder, Columbus
 Thomas Lee Brower, Cambridge
 Larry Dean Brown, Arcanum
 Marilyn Parrot Brown, Apple Creek
 Robert Allen Brumbaugh, Brecksville
 Daniel Allen Buchler, Beachwood
 Scott Alan Burlingame, Medina
 Eric Karl Busch, Tiffin

Douglas Owen Bushong, Columbus
 John Lucas Butya, McKees Rocks, Pa.
 James Robert Byrum, Grove City
 Bruce Curtis Cable, Columbus
 Gary Payton Cain, Columbus
 Susan Elizabeth Campbell, Hinckley
 Scott Brodwin Cannold, Rye, N. Y.
 Thomas Ralph Carlisi, Westerville
 Clarence Edward Cassell, Columbus
 William Thomas Cassella, Cleveland
 Leon Dwight Cekanski, Hinckley
 Danny Lamarr Cesco, Branch Hill
 James Alan Chiero, Grove City
 Roseann Christine Chisek, Kettering
 Jaroslaw Andrew Chlysta, Canton
 William Michael Christensen, Rocky River
 Michael Vincent Ciccarello, Seven Hills
 Joseph Anthony Circelli, Solon
 Richard Stuart Citrin, Flushing, N.Y.
 Michael James Clancy, Amherst B.S.Bus.Adm.
 Michael Ray Clayton, Columbus
 Michael Patrick Cleary, Columbus
 Douglas Earl Cluxton, Miamisburg
 Kim Jacob Coffman, Dayton
 Donald Barry Cohen, Forest Hills, N. Y.
 Kenneth Ian Cohen, University Heights
 Ann Elizabeth Collins, Columbus
 Thomas Gary Connett, Dayton
 †Carolyn Ann Conroy, Worthington
 Donald Paul Corley, Sandusky
 Glenn Cotton, Cleveland
 Alan Barry Cramer, West Mansfield
 Walter Martin Cummins, Columbus
 Andrew Jay Cusher, Cincinnati
 Jay Douglas Cutrell, Newark
 Richard Harold Cutter, Cincinnati
 Alan Joseph Czarnecki, Bedford
 John Edward Dabbert, II, Long Grove, Ill.
 Thomas William Daily, Warren
 Walodymyr Orest Roman Danylewycz, Parma
 †Theresa Lynn Dare, Parma Heights
 Thomas Anthony Dattilo, Akron
 Elaine Beryl Davidson, Dayton
 Barbara Ann Davis, St. Henry
 Larry Jay Davis, Skokie, Ill.
 Nancy Lynne Davis, Cincinnati
 Theodore Earl Deal, Dayton
 Thomas Alfred Deubler, Newtown, Pa.
 Ronald Edward Dewan, Cincinnati
 Chester Daniel Dilday, Lancaster
 James Ralph Dilley, Columbus

John Clifford Dodd, Solon
 Allen Steere Dodge, Wilmette, Ill.
 Patrick Christopher Donahue, Sandusky
 Michael Lee Drakulich, Columbus
 Jake Jerome Duhart, Cincinnati
 Anna Jean Duva, Youngstown
 Donald Eugene Duval, Vermilion
 Neal Scott Edgar, Bedford Heights
 Doris Margret Emich, Huron
 Constance Joan Esler, Mansfield
 Karen Sue Fanelly, Toledo
 Brenda Weir Feder, Columbus
 Nadine Ann Feder, Philadelphia, Pa.
 Bryan Harold Felmet, Columbus
 Jay Sheldon Ferrier, Bay Village
 John Boyer Finding, Jr., Columbus
 Donna Marie Firm, Steubenville
 Kenneth Joel Fisher, University Heights
 Patrice Colleen Flanagan, Toledo
 Lawrence Michael Flaster, Roslyn, N. Y.
 Michael Thomas Fleming, Sandusky
 Timothy Jay Foran, Newark
 Robert Dennis Foreman, Worthington
 Cynthia Ann Forsthoft, Centerville
 Gary Randall Francis, Cincinnati
 Alan Paul Friedman, Cincinnati
 Linda Wolfe Friemoth, Columbus
 Kenneth Bruce Frires, Beachwood
 Jane Clare Frye, Crestline
 Margaret Ann Gainer, Heath
 Janet Mae Galchick, Salem
 William Joseph Gale, Columbus
 Dennis Richard Galle, A.P.O., N. Y.
 Nancy Ann Gardner, Shaker Heights
 Lawrence Robert Garner, Columbus
 David Michael Gehr, Toledo
 Karen Hensel Gehr, Columbus
 James Lee Gehrlich, Wapakoneta
 Robert Lawrence Gelband, New York, N. Y.
 Bruce Edward Gellerman, Merriek, N. Y.
 Marc H. Gerstein, Arverne, N. Y.
 Samuel Firman Gingrich, Columbus
 Shelley Glickman, Brooklyn, N. Y.
 James Theodore Glover, Lorain
 Richard Emanuel Goerlitz, Dayton
 Barbara Lee Goldman, Valley Stream, N.Y.
 Lucy Ludmilla Golowin, Troy
 Serge Alexander Golowin, Troy
 Hilary Louis Goodman, Edison, N. J.

* Also Bachelor of Science in Education, College of Education

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Hank P. Gorchoff, Columbus
 Joellen Gossage, Columbus
 James Malcom Gossett, Lynchburg
 Leslie Frances Grand, Shaker Heights
 Sue Ellen Greenwald, Gary, Ind.
 Jeffery Alan Greiner, Cleveland
 Rosenwald Griffin, Warren
 Michele Kay Grimes, Defiance
 Barry Lynn Groseclose, Fredericktown
 Marla Jo Guerra, Niles
 Kurt Leonard Hagesfeld, Lakewood
 James Keith Haley, Columbus
 John Edward Hall, Chesapeake
 Michael Regan Hall, Columbus
 Theodore Wesley Hammond, Columbus
 Marjorie Anne Hange, Columbus
 Marta Jean Hansson,
 Painted Post, N. Y.
 Wayne Boyce Harbarger, III,
 Columbus
 Chyrl Kathryn Harbert, Elyria
 Alan Jeffery Harlan, Ravenna
 Delbert Michael Hart, Elyria
 Roy Elliot Hart, Columbus
 Barbara Joan Hatem, Columbus
 Diana Kathleen Hazlett, Akron
 Jeffrey Alan Hecht, Columbus
 Constance Helman, Columbus
 Linda Himes Herschler, Columbus
 Christina Ruth Herschberger,
 Westerville
 Martin Bruce Himmel,
 Cleveland Heights
 James Ellsworth Hoffman, III,
 Brookfield
 Cecilia Louise Holland, Columbus
 Stephen Kenneth Holmes, Portsmouth
 Daniel Jon Hoops, Deshler
 Bethany Haslett Hvizdos, Columbus
 Steven Phillip Hymen, Columbus
 Peter Illes, Miami Beach, Fla.
 Steven Russell Imbody, Delaware
 James Malcolm Ingle, Enon
 Stephen Keith Jarvis, Columbus
 Michael Lawrence Jaschik,
 Lancaster, Pa.
 Jennifer Shelly Joffe, Knoxville, Tenn.
 Roland Eric Johanssen, Sylvania
 †Deborah Lynn Johnson, Columbus
 Linda Jones, Elba, Ala.
 Gary Richard Junkins, Columbus
 Dennis Stephen Kagy, Tiro
 Dawn Cathy Kane, Forest Hills, N. Y.
 Howard Jay Katz, Columbus
 Ronnie Katz, Somerville, N. J.
 Kathleen Elizabeth Keane,
 Fairview Park
 Henry Gregg Kearns, Columbus
 Charles Edward Kelley, Ironton

Eugene Harrison Kelly, III, Columbus
 Shelley Gail Kern,
 New Rochelle, N. Y.
 Howard Scott Kerns, Millersport
 Paul J. Kessen, Bryan
 Curtis Wayne Keyes,
 Old Brookville, N. Y.
 Jon Gregory Kiehmeyer, Columbus
 Renee Bassak Kilgore, Seven Hills
 Mark Eugene Kinder, Middletown
 Edward Stephen King, Columbus
 John Robert Kinnamon, Bay Village
 Lyn Angene Kise, Delaware
 Marianne Kleine, Chagrin Falls
 †Mary Catherine Kleven, Columbus
 Kimberly R. Kocher, Baltimore
 Stephen Douglas Koder, Columbus
 Donald Edward Kolas, Columbus
 Gary Michael Kost, Columbus
 Stephen Russell Krancevic, Columbus
 Robert Lynn Krasney, Beachwood
 William George Krause, Columbus
 Roland Deeds Kreager, Columbus
 Joseph Lewis Kreps, Plainview, N. Y.
 Karen Lee Kropp, Grove City
 Gregory Alan Krysztofik, Columbus
 Michael Kulesza, Moorestown, N. J.
 Jerry Martin Kuntzman, Sunbury
 Donn Alan Kurjan, Youngstown
 Michael Jay Kurman, Freehold, N. J.
 Emil Carl Kwaczala, Cleveland
 Robert Alan Lackey, Youngstown
 Marilyn Kay Lahmers,
 Cuyahoga Falls
 Barry Alan Lampl, Norristown, Pa.
 Stephen Earl Landes, Grove City
 Suzanne Marie Langlois, Newark
 Dennis David LaRocco, Parma
 Ronald Daniel Lefton, Jamaica, N. Y.
 Robert Stephen Leopold,
 Cherry Hill, N. J.
 James Noble Lett, Orient
 David Norman Lewis, Canton
 Bruce Morton Ley, Cincinnati
 Patrick Francis Light,
 Middleburg Heights
 Derrick Elijah Lightfoot, Massillon
 Charles David Lindsey, Lancaster
 Robert Salvatore LiPuma,
 University Heights
 John Frederick Little, Columbus
 Timothy Scott Logan, Perrysburg
 Benjamin Winget Lowell, Findlay
 Mark Alan Lowery, Chillicothe
 Bruce Ilan Ludwig, Columbus
 Helena Vissman Lupidi, Columbus
 Philip Raymond Lyle, Columbus
 Mark William Maidlow, Columbus

‡Ronald Emery Mako, Willoughby
 Kitty Lynn Malcolm, Louisville
 Sally Anne Malobabic, Lorain
 Frank Gerald Manchester, Niles
 Linda Faye Mandel, Oceanside, N. Y.
 Marsha Walker Manley, Columbus
 James John Manos, Fairview Park
 Daniel Lee Manning, Columbus
 Thomas Hugh Marshall, Salem
 Nancy Elizabeth Mason,
 Cuyahoga Falls
 Philip Jay Mason, Bayswater, N. Y.
 Richard Alan Matheny,
 Birmingham, Mich.
 Edward Michael Matlin,
 Freehold, N. J.
 James Donald Mayer, Columbus
 Richard Jay McClung, Jr., Columbus
 Jerry Lee McHenry, Wheelersburg
 Scott Powell McHenry, Cincinnati
 Colleen McMahon, Columbus
 Phillip Otis McMahon, Scottown
 Palmer Craig McNeal, Columbus
 Lee Kenneth Meckstroth, Columbus
 Bruce Alan Melamed, Columbus
 Harold Konrad Meng, Mansfield
 Paul Thomas Menz, Warren
 Scott Michaels Jr., Columbus
 Claudia Mika, Hamilton
 Cornelia Ann Miller, Columbus
 David Michael Miller, Findlay
 Deborah Jean Miller, Columbus
 Jan Bosken Miller, Columbus
 Kathleen Ortman Miller, Cleveland
 Steven Robert Miller,
 East Meadow, N. Y.
 Jeffrey Phillip Mirkin, Youngstown
 James Walter Moennich,
 Parma Heights
 Charles Arthur Mollenkopf,
 East Palestine
 Scott Craig Mooney, Columbus
 Terry Fleming Moore, Columbus
 Robyn Lynn Moran, Shaker Heights
 Jay William Moreland, Coraopolis, Pa.
 Catherine Elizabeth Morrison,
 Eastlake
 †Mollie Morrison, Zanesville
 Richard Paul Morrison, Beachwood
 Ritchie Neil Mudd, Bardstown, Ky.
 Michael Steven Mull, Canton
 Thomas Joseph Murphy, Columbus
 John Daniel Myer, II, Columbus
 Hershel Eugene Nardini, Vandalia

‡ Also Certificate of Graduate Dental Hygienist,
 College of Dentistry
 • Also Doctor of Medicine, College of Medicine

*Nancy Patricia Nickell, Kettering
 Holly Lyn Obermiller, Milan
 Mariann Obert, Columbus
 Daniel Michael O'Brien, Devon, Pa.
 Michael Dennis O'Keefe, Columbus
 Mary Ann O'Keefe, Xenia
 Jewel Jane Olkin, Columbus
 Joseph William O'Neil, Columbus
 Barbara Jean Orwick, Dalton
 Ralph Frederick Pariser, Columbus
 Michael Leonard Patrick, Toronto
 William McClinton Patterson,
 Greenville, S. C.
 Donald Neil Pennell, Reynoldsburg
 Gregory Stephen Peppers, Columbus
 John Edward Perry, Jr.,
 Pittsburgh, Pa.
 Holly Anne Pessin, Lexington, Ky.
 Jeffrey Charles Peterson, Columbus
 Michele Ann Petro, Brooklyn
 Carter Glasgow Phillips, Canton
 Barbara Jane Pierce, Columbus
 Anthony Paul Pitstick, Xenia
 John Nicholas Polansky, Amherst
 Mark Edward Portman,
 Cleveland Heights
 Marc Harold Posner, Brooklyn, N. Y.
 Diane Kay Powell, Clyde
 Deborah Elizabeth Preston,
 Westfield, N. J.
 Bruce Douglas Probst, Haviland
 Rosemary Ann Pruski, Columbus
 Deborah Denine Pryce, Warren
 Lillian James Publick, Columbus
 James Ellsworth Quinn, Columbus
 Wayne Allan Rader, Wilmington
 Dawna Jane Ramage, Columbus
 George Thomas Ranz, Columbus
 David Jay Rash, Columbus
 Ronald Glen Reel, Canfield
 Mark Stephen Reitkopp,
 Rochester, N. Y.
 Stephen Joseph Reno,
 Valley Stream, N. Y.
 Deborah Jeanne Rich, Lyndhurst
 Jeffrey Paul Richetto, Warren
 Ellen Condon Rinehart, Columbus
 John Charles Ringle, Tiffin
 John Michael Rist, Columbus
 Mark Stephen Robbins, Glencoe, Ill.
 Thomas Brent Roberts, McConnelsville
 Ivan Carl Robinson, Newburgh, N. Y.
 Daniel Edward Rohe, Cincinnati
 Martin Joel Rome, Youngstown
 Gerald Michael Rosen, Columbus
 Maury Jay Rosenblum,
 New York, N. Y.
 Thomas Joseph Ross, Milford, Conn.

Irene Roth, Syracuse, N. Y.
 Marsha Rothstein,
 Huntingdon Valley, Pa.
 Raj Krishan Pramod Kumar Rustagi
 Worthington
 Roger Allan Ruth, Columbus
 Glenn Harold Rutter, Garfield Heights
 Cecilia Ann Ryan, Columbus
 Robert Vincent Salvato, Columbus
 James Alan Samuels,
 Cleveland Heights
 Wayne Joseph Scamuffa,
 Coatesville, Pa.
 Dale Eugene Schafer, Columbus
 John Michael Schmarr, Columbus
 Daniel Douglas Schneider, Columbus
 Kent Barton Schneider, Columbus
 Jacqueline Caryl Scholar, Joliet, Ill.
 Karen Delong Schott, Columbus
 Ted Harold Schreck, Castalia
 Joanne Esposito Schueller,
 Cleveland Heights
 David Geoffrey Schwartz, Cincinnati
 Ellen Ann Schwartz, Worthington
 Mark Richard Schwartz, Columbus
 Charles J. Schwartzmann, Columbus
 Kathleen Susan Seich,
 Mayfield Heights
 Susan Beth Shagrin, Youngstown
 Vicki Lynette Shambaugh,
 Cerro Gordo, Ill.
 Patrick Thomas Sheridan, Lancaster
 Pamela Jo Sherlock, Columbus
 Jay Shillman, Woodmere, N. Y.
 John Henry Shipp, Columbus
 Marc William Shoemaker, Columbus
 Gregory Bruce Shreaves,
 Salisbury, Md.
 John William Shutt, Convoy
 Laurance Silverman, Toledo
 Marc Frederick Silverstein,
 Beachwood
 Alta Marie Simmons, Franklin, N. Y.
 Constance Louise Simmons, Galion
 Larry Wayne Simmons, Columbus
 Priscilla Ann Simon, Columbus
 John Anthony Simonetti,
 North Royalton
 Thomas E. Simpson, Newfield, N. J.
 Mehmet Sipahi, Columbus
 Judith Ann Slavin, Beachwood
 Jaelyn Ulrich Slaybaugh, Columbus
 Richard Sherman Sloan, Erie, Pa.
 Margaret Workman Smith, Columbus
 Russell George Smith, Columbus
 Thomas Kenneth Smith, Toledo
 Roy Allen Snyder, Dayton
 Judith Frances Solomon,
 Oceanside, N. Y.

Jeffrey Lynn Sprang, Shiloh
 Mark Evan Springer, Columbus
 William Raymond Stahl, Columbus
 Keith Edward Stanovich, Hubbard
 Pamela Lynn Stassfurth, Cleveland
 George Philip Steele, Columbus
 Karl Heinz Stehmer, Columbus
 Marc Wendell Stephens, Tiffin
 Linda Stern, Columbus
 John Francis Stets, Jr., Niles
 Linda Sue Stites, Anchorage, Alaska
 Alan Charles Stockman, Columbus
 Laura Lynn Stoeppelwerth,
 Alexandria, Va.
 Daniel James Stohs, Columbus
 David Solomon Stone, Miami, Fla.
 James Earl Stoner, Delaware
 Linda Kay Stotts, Mansfield
 Gregory D. Stover, Celina
 Allen Louis Strang, Toledo
 Michael Leo Sullivan, Norwalk
 David Charles Summers, Newark
 Stewart Allen Surloff,
 Mayfield Heights
 Kathleen Ann Sutula, Garfield Heights
 Robert Guy Swisher, Bryan
 Kevin Patrick Taylor, Worthington
 Marcella Rose Teahan, Holyoke, Mass.
 Virginia Vranek Tenbroeck, Columbus
 Wilson Scott Thacker, Lebanon
 David Alan Theis, Lowell, Ind.
 George Gunnar Thompson, Columbus
 Michael Lee Thompson, Newark
 Norma Jean Thompson, Columbus
 Natalie Graper Thornton,
 South Euclid
 Terrance Lynn Toth, Warrensville
 Daniel William Trausch,
 North Royalton
 William Henry Truax, Jr., Mentor
 Robert Sydney Truex, Jerusalem
 Ava Lynn Tuber, Youngstown
 Marcia Lynn Turner, Columbus
 Glenn Michael Varano, Meadville, Pa.
 Diane Caskey Vaughan, Columbus
 John Bernard Voight, Columbus
 Katherine Sue Wacker, Mt. Vernon
 John Joseph Wagner, Columbus
 Jo Ann Walters, Lima
 Marcia Mae Ward, Columbus
 Ronald Louis Warrick, Toledo
 John Francis Warton, Berlin Heights
 Richard Paul Washington, Berea
 Thomas Richard Waters, Bellevue
 Nancy Annette Weber, Lima
 Wendy Susan Weisberg,
 University Heights

* Also Bachelor of Science in Education,
 College of Education

Alfred Leo Weiss, University Heights
 Kim Roger Wenger, Columbus
 John Mitchell Wheatley, Columbus
 Diane Sue Whitbeck, Franklin, N. Y.
 Lowe Henry Wiggers, III, Columbus
 Collins Wight, Columbus
 John Gary Wilcox, Mansfield
 Beth Ann Wildman, Shelby
 David Harrison Williams, Defiance
 †Janet Louise Wilson, Dayton
 John Allston Wilson, Columbus
 George Joseph Windau, Columbus
 Barbara Lee Wolf, Dayton
 Jeffrey Hugh Wolf, Millburn, N. J.
 Dennis Franklin Wolford,
 Washington C. H.
 Andrew Michael Wolfson,
 Huntington Station, N. Y.
 Richard John Woods, Worthington
 David Thomas Woodward,
 Moorestown, N. J.
 Penny Melinda Wyman, South Euclid
 David Duane Wymore, Dayton
 Howard Young, New York, N. Y.
 Jeffrey James Yungman, Elyria
 Steven Curtis Zacharias, Columbus
 Anita Joy Zakem, Wyoming
 Stephen Edward Zieba, Dayton
 Patricia Sue Zimmerman, Cincinnati
 James Robert Zulauf, Columbus

Bachelor of Science

Sixty-two candidates

Janis Judson Baker, Columbus
 B.A.
 Jolynn Barry, Dayton
 Dennis Peter Bisceglie, Clifton, N. J.
 James George Boss, Columbus
 James David Bray, Columbus
 Richard Hunt Buttermore, Columbus
 Craig Thomas Callahan, Cortland
 Roger Martin Calvelage, Delphos
 Joseph Michael Capes, Columbus
 Donald Arthur Davis, Carrollton
 David Gregory Dowis, Mt. Gilead
 Nancy Isabel Duff, Pittsburgh, Pa.
 Conrad Michael Eberle, Columbus
 Eric Jay Ehrke, Columbus
 Elaine Margaret Falcone,
 Piscataway, N. J.
 Kathleen Curl Ferris, Columbus
 Wendel Mathew Friedl, Parma
 Edwin Reed Friedstrom, Dublin
 Stephen Bradley Fuhrig, Akron
 Robert Joseph Futey, Warren
 David Joseph Gain, Columbus

Jaye Ellen Gerstner, Lima
 Stephen Moler Haley, Columbus
 Robert Lee Hannan, Shadyside
 Gust Larry Hatjes, Canton
 Peggy Lynn Hay, Columbus
 John Michael Heisman, Curtice
 Lee Bernard Hemminger, Sandusky
 Cynthia Lou Huffman, Greenville
 Kirk Whitaker Jones, Wooster
 Myron Phillip Kalnitzky, Fairfax, Va.
 Jaak Karolin, Worthington
 William Blackstone King,
 Aliquippa, Pa.
 Joseph Michael Kishton, Columbus
 Terrence Francis Lenick, Mansfield
 Charles Kimmel Liphart, Poland
 Georgianna Manly, Canton
 Patricia Veronica Markunas,
 Garfield Heights
 Sharon Lynn Mates, New York, N. Y.
 Ross Michael McCain, Lima
 Murray Harold Merner, Columbus
 Daniel Scott Miller, Delphos
 James Isaac Millner, Trenton, N. J.
 James Lee Nielsen, Columbus
 Aurora Saskia Orizondo, Columbus
 Pamela Jane Patterson, Nutley, N. J.
 Thomas William Pautke,
 Tallahassee, Fla.
 Kathleen Rebecca Reed, Berlin Center
 Thomas Waid Reilly, Columbus
 Robert Paul Rower, Jr., Lancaster
 Derek William Schultz, Lexington
 Michael Steven Serena, Brookville
 Darrel Gene Spinosi, Columbus
 Barry Whitson Stearns,
 Upper St. Clair, Pa.
 Stuart Jay Steiger, Beachwood
 Pamela Kay Stewart, Whitehall
 Bruce William Stunkard, Olmsted
 Robert Charles Tussing, Lima
 Allen Charles Wahl, Nutley, N. J.
 Gary Lee Weil, Columbus
 Donald Earle White, Munroe Falls
 Nick Ziza, III, Mingo Junction

School of Journalism

Bachelor of Arts in Journalism

Fifty-nine candidates

Clifton Edgar Amos, Columbus
 Bruce MacNeill Batchelor,
 Chagrin Falls
 Christine Kay Bauer, Worthington
 Kenneth Alan Brown, Cleveland
 Irl Russell Carmean, Columbus

Gary Robert Clark, Columbus
 Carin Joy Condon, Milford
 Alfred Carl DiFranco, Cleveland
 June Elizabeth Dill, Columbus
 William Joseph Donnelly, Burton
 Michael James Fenderbosch,
 Gallipolis
 David Edward Flick, Cincinnati
 Dennis Robert Fobes, Cuyahoga Falls
 William Alan Gantz, Elyria
 Nancy Anne Gardiner, Toledo
 Juanita Glover, Cincinnati
 Rebecca Doll Hammerschmidt,
 Columbus
 Donna Jean Hartman, Cincinnati
 Patricia Ann Hemm, Piqua
 Karl Todd Henning, Shelby
 Joseph Neil Huelsman, Columbus
 Kathryn Jean Huston, La Porte, Ind.
 Linda McMahan Inskeep, Columbus
 Leola Aletha Johnson, Columbus
 Jeffrey D. Johnston, Columbus
 Brigid Kennedy, Cincinnati
 Richard Lynn Leatherman, Columbus
 Beverly Ann Leblanc, Painesville
 Matthew John Lennon, Greenhills
 Camille Ann Lessing, Akron
 Betsa Joan Marsh, Cincinnati
 Stuart Allen Matlow, Columbus
 Sally Jo McGovern, Sylvania
 Patricia Susan Meagher,
 Somers Point, N. J.
 Denise Merkle, Reading, Pa.
 Dena Michaelson, Dayton
 Virginia Rose Olivieri, Mansfield
 Margaret Ellen O'Morrow, Columbus
 Richard Burne Ostrander, Columbus
 Jacquelyn Renee Ostrom,
 Lockport, N. Y.
 Scott Lee Powers, Toledo
 Peggy Jean Rader, Loudonville
 Robert Meredith Raines, Columbus
 Mark Alan Rollinson, Mentor
 Thomas Lee Roush, Columbus
 Ann Maria Salimbene, Columbus
 Ilene Adele Schwartz,
 Mayfield Heights
 Audrey Gayle Shifres, Cincinnati
 Leslie Carlson Simmen, Benton, Ky.
 Lynne Marie Sopko, Columbus
 Lawrence Harvey Spitzer,
 Cleveland Heights
 Beverly Gayle Stahl, Kent
 Margaret Rose Tarter, Cleveland
 Nancy Beth Udelson, Columbus
 Teresa Lynn Unwin, Columbus

* Also Certificate of Graduate Dental Hygienist,
 College of Dentistry

College of Administrative Science

Dean: James R. McCoy

Anthony Reynaldo Villasana,
Columbus
Mary Elizabeth Wachowiak,
Depew, N. Y.
Howard Lee Walker, Hilliard
Joan Carolyn Woellner, Cincinnati

Bachelor of Science in Business Administration

Three hundred seventy-four candidates

George Gregory Abick,
Allen Park, Mich.
Peter Knapp Adgate, Niles
Franz Michael Ahting, Cincinnati
Emil Robert Aleusan, Canton
Ira Stanford Allen, Columbus
Barry Russell Ambroza, Lima
Charles Lee Anderson, Columbus
Ronald Gary Appelbaum, Cleveland
Mary Elizabeth Atkins,
Westfield, N. J.
Kenneth Roy Austin,
Port of Spain, Trinidad and Tobago
Jesse Carl Barber, Columbus
Joseph Fred Barker, Westlake
Jan Charles Barkley, Springfield
Michael Joseph Bayer, St. Marys
Daniel Charles Beam, Wilmington
Anthony Michael Beat, Attica
Ronald Lee Beckel, Cardington
William Paul Bednarchik,
Coraopolis, Pa.
Charles Michael Beecroft, Dayton
David Paul Belcher, II, Lorain
Ralph Francis Berger, Columbus
Margaret Ann Betley, Columbus
Douglas Edward Beyer, Galion
Robert Louis Boerger, Ottoville
Danny Joe Bombard, Rockford, Ill.
John Michael Brandt, Columbus
Conrad Joseph Braun, Rocky River
Terrance Ray Brotherton,
North Ridgeville
James Rickey Brown, Jr., Portsmouth
Jeffrey Lynn Brown,
Chambersburg, Pa.
Thomas Gregory Brulport, Canton
Timothy Douglas Brulport, Canton
Robert Miles Bryan, Delphos
Joanne Buckley, Worthington
Clifford Ralph Bullock, Jr.,
Fort Walton Beach, Fla.
Thomas Alan Bumgardner, Pataskala
Garrett Thomas Busic, Shelby
Donald Bruce Butler, South Amherst
Norman Ellis Byer, Marietta
Martin Paul Cahill, Columbus
Rodger Neil Cahn, Beachwood
Mary Ann Callos, Youngstown
Franklin Roy Caltrider, Dayton
Steven Roy Canning, Cincinnati
William L. Caplan, Warren
Lawrence Michael Cardinal, Jr.,
Massillon
Keith Allen Cardwell, Columbus

Thomas George Carey, Jr., Cleveland
Dan LeMarr Carskadden, Zanesville
John Anthony Caruana, Elmont, N. Y.
Andrew Lee Case, Columbus
John Charles Chiazza, Lancaster
James Chmielowicz, Toledo
Mercedes Christ,
East Brunswick, N. J.
Michael Jeffrey Clark,
Grosse Pointe, Mich.
William Gordon Cluggish, Newark
John K. Coffindaffer, Radnor
Ross Owen Coghlan,
West Chester, Pa.
Richard Wayne Coldwell, Mt. Gilead
Stephen Ray Cones, Columbus
Richard Allen Cooper, Maple Heights
Craig Alan Crossley, Reading, Pa.
William Arthur Croteau, Jr.,
Sandusky
John Spencer Cruz,
Tegucigalpa, Honduras
William Paul Cseplo, Cincinnati
Richard Thomas Cullen,
Honolulu, Hawaii
Fred Paul Cunningham, Lima
Ung Bieu Dam,
Cholon, South Vietnam
Gary Carlyle Dame, Columbus
Joseph William Damman, Lyons
Thomas Alvin Danzeisen, Dayton
Edward Carson Davison, Jr.,
Lexington
Lowell Kevin Deal, Chandlersville
Dominic Francis Del Bel, Cleveland
Thomas Lee Dellatorre, Wintersville
Duane William Dennis, Toledo
David Dennis Devol, Bellefontaine
Edward Thomas Dooner, Bedford
Dan Gregg Dorsheimer, Lititz, Pa.
Daniel Ray Dumas, North Canton
Douglas Eugene Durbin, Columbus
Michael Francis Dury, Columbus
Gary Michael Edelson, Manheim, Pa.
Jeffery Alan Eier, Upper Sandusky
Mark David Eisen,
North Miami Beach, Fla.
Michael Joseph Elbert, Elyria
Steve Dean Elsea, Columbus
Larry William Emmelhainz, Galloway
Robert David Epps, Jr., Akron
Christine Mary Everett,
Ridgefield, Conn.
Robert Jeffrey Eyen, Cambridge
Kurt Douglas Faist, Woodville
Edward George Fakeris, Euclid
Charles Joseph Fazio,
Bloomfield Hills, Mich.
Frank James Federico, Seven Hills

John Feduchak, Blakely, Pa.
B.S. (University of Scranton)
Frank Alan Findley, Lorain
Joseph Martin Fischlin, Cleveland
Kevin James Flaherty, Worthington
Ronald Ray Fleming,
Williamstown, W. Va.
Michael Warren Flick, Elida
Kevin Edward Flint, Columbus
Jerry Lee Fogt, Sidney
Gary Raymond Fox, Clarington
Roger Thomas Frank, Columbus
Gary Richard Fry, Bellaire
Donald Arthur Gale, Jr., Columbus
Kirk Donald Gamble, Maple Heights
Thomas Lowell Garverick, Galion
Richard Everett Gaskalla, Columbus
Charles William Gaston, Canton
James Thomas Gill, Medina
Donald Alan Girard, Reynoldsburg
Richard Eugene Gleadell, Jr.,
Washington C. H.
Robert Steven Goodrich, Newark
Ronald Wayne Gordon, Columbus
Michael Reed Greer, Cleveland
Richard Woodburn Greninger,
Cincinnati
Jack Wilson Grieves, Sidney
David Leo Grimes, Frazeyburg
John William Grimsley,
Amherst, N. Y.
Joseph Patrick Groom, Jr., Columbus
Dennis James Gruber, Cincinnati
Michael Joseph Guerra, Englewood
John Walter Guzdanski, Toledo
Charles Micheal Gwynn, Columbus
Kaye Don Hamilton, Minerva
Marjorie Louise Hanley, Columbus
William Douglas Hann, Grove City
Douglas Alan Harned, Ashland
Stephen Lee Haslup, Columbus
Robert James Hasman, Independence
Charles Judd Hauenstein, Lancaster
Frank Leland Haynam, Minerva
Daniel Lee Heitmeyer, Kalida
Thomas John Helmers, Dayton
James Leonard Hemmelgarn,
Burkettsville
Jeffrey Robert Henderson, Newark
Alan Bruce Herzog, South Euclid
Dennis Joseph Hess, Columbus
Steven Alan Hinshaw, West Chester
Steven Mark Hopkins, Columbus
Dale Maurice Houmes, Jr.,
Columbus
Douglas Arthur Howard,
Chagrin Falls
Duane Rodney Huff, Dresden
Gregory Charles Hughes, Lima
James Richard Hughes, Reading

Jeffery Lynn Hummer, Ashtabula
William Robert Humrighouse,
Gahanna
Terry Lee Hunsucker, Columbus
Howard William Immordino,
Trenton, N. J.
Albert Edward Indermill,
Worthington
Robert Charles Johansen,
North Tonawanda, N. Y.
Douglas N. Johnson, Dayton
Michael Wayne Johnson, Bellaire
Donald Dean Jolliff, Richwood
Bruce Ervin Jones, Jamestown
Keith Lamar Jones, Springfield
Royal Arthur Jones, III,
Chatham, Mass.
Carol Beatrice Joseph,
Christiansted, Virgin Islands
Michael James Jubb,
Madison Heights, Mich.
Albert Frederick Jurkoshek,
Cuyahoga Falls
Jeffrey Benjamin Kaczmarek,
Cleveland
Dale Edward Kagy, Columbus
Alan Kainrad, Diamond
James Michael Kane, Bay Village
Kenneth Victor Kane, Ashtabula
Raymond Andrew Karaffa,
Willoughby
Larry Katz, Columbus
Larry Lindy Kaylor, Dayton
Robert Stuart Keidan, Oak Park, Ill.
Joan Price Keir, Columbus
Jerry Lee Kelley, Lima
Roger Barry Kemp, Cincinnati
Robert John Kenneally, Jr., Eastlake
Michael McGuire Kennedy, Dayton
Thomas Cranston Kensler, III,
Dayton
Joshua Seth Kent, Fort Lee, N. J.
Bruce Manning Kephart, Painesville
Lawrence Kersen, New Milford, N. J.
Mabel Iu Chung King, Hong Kong
Owen Henry King, Elmont, N. Y.
Randall Howard King, Fairborn
Thomas James Kirby, Huron
Paul Robert Kleifgen,
Rochester, N. Y.
Louis Barry Klinger, Harrison, N. Y.
Jeanne Antoinette Klopp,
University Heights
James Richard Knost, New Bremen
Charles John Koachway, Westlake
Steven Brian Koblentz,
University Heights
John David Kochmit, Cleveland
Jeffrey David Krause, Pittsburgh, Pa.
Kathleen Helen Kruesser, Sylvania

James Gregory Kunkel, Cincinnati
Dennis Anthony LaBarre, Columbus
Roger Alan LaBarre, Columbus
John Anthony LaMonica, Jr.,
Arlington Heights, Ill.
Lester Eugene Lane, Akron
W. Franklin Langford, Newark
Terrence Edward Lannan, Columbus
Michael Andrew Lax, Lakewood
James Douglas Leatherberry,
Columbus
Thomas Wayne Lennox, Brecksville
James Joseph Little, Woodstock, Ill.
Eric Paul Loveman, Medina
H. Rex Lower, Columbus
David Wai On Lum, Oxon Hill, Md.
Charles James Lundy, Jr.,
East Palestine
Robert Julius Lutz, Olmsted Falls
James Marvin Lyday, Jr., Columbus
Francis William Lyons, Columbus
Mark Douglas Mansfield, Columbus
Gary Lynn Margot, Mansfield
George David Marker, Wapakoneta
Thomas Edward Martin, Cleveland
John Otis Mason, Columbus
Gregory Lewis Mather,
North Plainfield, N. J.
Terry Lee Mathews, Reynoldsburg
Alan Virgil Matthews, Willoughby
John Richard Mawhinney,
Pittsburgh, Pa.
James Gerard May,
Newport News, Va.
William Francis Mayer, Cincinnati
Charles Stafford McIntyre, Warren
William Crawford McKinney,
Marietta
Marcia Janet McQuaide, Columbus
James Arthur Messner, Lyndhurst
Ronald Robert Meyer, Hamler
David Richard Michael, Columbus
Robert Greg Miller, Bellefontaine
Robert John Miller, Euclid
James Richard Millikan, Columbus
Michael James Mitchell,
Liberty Center
Rick Lee Molt, Columbus
Nancy Sue Monnette, Marion
James Samuel Morgan, Dunkirk
Robert John Muesgaes,
East Springfield
William Russell Munch, Fairfax, Va.
Andrew Joseph Murrer,
Rochester, N. Y.
Gregg Mysliwiec, Toledo
Vera Rudolph Nedell, Toledo
Robert Henry Nenni, Ironton
Jonathon O. Nerenberg, Middletown

James Lee Nichols, Columbus
 Thomas Ralph Niemi, Warren
 Lyle Gregory Niese, Leipsic
 Thomas Joseph Noon, Columbus
 George Christian Nobel,
 Cherry Hill, N. J.
 Michael Alan Numbers, Lima
 James Robert O'Dell,
 West Chester, Pa.
 Carol Ann Ondrake, Cleveland
 William Cyril Ontrop, St. Henry
 Paul Thomas Orr, Parma
 John Martin Owen, Ravenna
 Pamela Sue Parker, Columbus
 Wayne Franklin Paro,
 Cortland, N. Y.
 Vincent John Passero, Columbus
 Frank Carl Patane, Yorktown, N. Y.
 David Lodge Patterson, Leetonia
 Frank Joseph Paul, Lorain
 Roger Warren Pelz, Richfield
 Daniel Lee Penrod, Columbus
 David Christopher Penzone, Columbus
 Aricio Porfirio Perez, Milford Center
 Donald Theodore Perry, Columbus
 Michael Raymond Pesek,
 Independence
 Dennis Eric Peterson, Ashtabula
 Charles Winfred Philpot,
 Egg Harbor, N. J.
 Cathy Jane Pierce, Lima
 Erik Richard Pierce, London, England
 Gerald George Polivka, Duquesne, Pa.
 Stephen Michael Popovich, Columbus
 Larry Rankin Porterfield,
 St. Clairsville
 Erik Rolf Portmann, Lima
 John Walter Post, St. Henry
 Stephen Charles Prechtel, Orrville
 Geoffrey Franklin Presson,
 Bedford Heights
 Diane Marie Preston, Norwalk
 Geoffrey Baker Price, Akron
 Frank Tolbert Proctor, Jr.,
 Statesboro, Ga.
 Dennis Lee Puffenbarger, Mt. Vernon
 Steven Alan Radulovich, Elida
 Dennis Jay Rathbun, Bryan
 Dennis James Regano, Mayfield
 William Edward Riley, Berea
 Dean Bradley Rinehart, Gallipolis
 Joseph Hill Rinehart, III, Springfield
 David John Roberts, Hamilton
 Virginia Mary Rodic, Lakewood
 Jerome Dwight Rogers, III, Columbus
 Leonard John Roll, Independence
 Maurice Mark Rubright, Dover
 Thomas Alfred Rupp, Lancaster, Pa.
 Alan Irwin Sacks, Rochester, N. Y.
 Gary Allen Sahr, Columbus

Regenia Filethia Sanders, Columbus
 Paul Anthony Santuzzi, Cleveland
 George Steven Sapon, Akron
 Mark Alan Schimansky, Canton
 Robert Eugene Schmerge,
 Wapakoneta
 Robert John Schneider, Bellevue
 Paul Schnittger, Brooklyn
 Roger Raymond Schwartz,
 New Bremen
 Louis Carl Schwenher, Cincinnati
 Bruce Farrell Seifer,
 West Hempstead, N. Y.
 Joseph George Seladi, Jr.,
 Parma Heights
 Jay Lee Shell, Phillipsburg
 Michael Joseph Sheskey, Columbus
 James Eugene Shoemaker, Columbus
 Dennis James Shonebarger, Columbus
 David Louis Simon, Cleveland
 Scott Simon, Cleveland
 Russell Edward Simpson, Mansfield
 Gary Gabor Sislak, Garfield Heights
 James Edison Slavens, Columbus
 James Wick Smart, Worthington
 David Douglas Smith, Columbus
 Donald Steven Smith, Columbus
 Glenn Richard Smith, Elyria
 Gregory Vaught Smith, Gallipolis
 Roger Lee Smith, Columbus
 Steven Harold Speelman, Columbus
 Richard William Splete, Marion
 Donald Alan Stanchfield, Mansfield
 William Edward Stark, Columbus
 Gary Alan Stein, Erie, Pa.
 John Eldridge Stinson, Hillsboro
 David James Stock, Columbus
 Gregory Arthur Swank, Columbus
 Paul Weston Sylvester, Cincinnati
 Richard John Szczepaniak, Toledo
 Supon Taechanurugk, Thailand
 Geoffrey Stanley Tatman, Columbus
 Thomas Wayne Tenwalde, Ottawa
 William Andrew Thellian, Cleveland
 Edward James Thomas, Jr., Columbus
 Gerald Edwin Thomas, Columbus
 Edwin Frank Thompson, Jr.,
 Washington C. H.
 Larry Alan Thompson, Columbus
 Martin Stewart Todd, Columbus
 Susan Amici Tolbert, Martins Ferry
 D. John Travis, Parma Heights
 Clifford Lloyd Truelson,
 Columbia Station
 Amy Laurel Tugend, Fredericktown
 Robert David Turner, Marion
 Larry Wayne Tyree, St. Louisville
 Bruce Louis Varga, Cleveland

Gerard John Vavruska, Strongsville
 William Charles Vey, Jr.,
 Worthington
 Imants Viss, Columbus
 David H. Waliser, Lancaster
 Andrew Judson Wallner,
 Bedford Heights
 Madelynn Marshall Warren,
 Bloomfield Hills, Mich.
 Michael Brooks Watson, Worthington
 James Harold Webster, Westerville
 Roger Bruce Wettlaufer, Ashtabula
 Susan Hill Wettlaufer, Ashtabula
 Bruce David Whiteman, Delaware
 Phil Leigh Whittington, Sabina
 James Harold Wilcoxon, Jr.,
 Reynoldsburg
 Cheryl Ann Mencer Willis, Columbus
 William Henry Willis, North Canton
 David Richard Wilson, Findlay
 Thomas Alden Wilson, Cincinnati
 Steven Harry Wimmers, Hamilton
 David Mark Wolford, Mansfield
 Richard Dwight Wood, Columbus
 Terry Steven Woods, Cincinnati
 Thomas Gene Woods, Dayton
 James Howard Wyland,
 Tujunga, Calif.
 Donald James Yark, Jr., Toledo
 Thomas James Zenisek, Cleveland
 Gregory Jay Zeno, Dayton
 Gregory Charles Zuercher, Pandora

School of Social Work

Bachelor of Science in Social Welfare

Fifty candidates

Barbara Florence Adelstein,
 Leviton, Pa.
 Christine Marie Arnoldi, Huron
 Laurie Shapiro Assa, Plainview, N. Y.
 Alice Lorraine Bethel, Steubenville
 Elsie McDearmon Biles, Columbus
 Rosalyn Pearl Blogier,
 University Heights
 Kandi Kim Brelsford, Westerville
 Virginia Mary Brigham, Columbus
 Ronald Lee Brown, Reynoldsburg
 Julie Alison Chernow, El Paso, Tex.
 Michael James Chevallard, Columbus
 Susan Joy Clewner, Brooklyn, N. Y.
 Josephine Colli Clyde, Columbus
 Eleanor Ruth Dorton, Columbus
 Timothy Curtis Earlenbaugh, Akron

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Jacalyn Ann Ebbert, Marion
 Leslie Susan Gerry, Cleveland
 Shelley-Starr Green, Chatham, N. J.
 Joseph Martin Hall, Cincinnati
 Debra Ann Harris, Columbus
 Suzanne Marie Hill, Sandusky
 Renee Susan Hoffman, Beachwood
 Gregory Ray Immel, Columbus
 David Taylor Ives, Pierpont
 Linda Cheryl Jones, Cuyahoga Falls
 Nadelane Lee Joseph,
 University Heights
 Jo Anne Kintner, Kenova, W. Va.
 Janet Susan Kosher, Plainview, N. Y.
 Laurie Marie Kozar, Euclid
 William John Kreinbihl, Jr., Mansfield
 Patricia Ann Kuhlman, Findlay
 Paula Enid Litt, South Euclid
 Donald James Marvin, Columbus
 Barbara Uhlenhake Micetich,
 St. Henry
 Kenneth Foye Murray, Gahanna
 Michele Frances Pervin, Toledo
 Patricia Louise Reilly, Columbus
 Frances Hines Russell, Westerville
 Linda Jean Schmidt, Circleville
 Maureen Joy Schoenberg, Akron
 Ellen Louise Schroeder,
 Louisville, Ky.
 Susan Denise Shorr, Canton
 Laura Sue Sobel, Queens, N. Y.
 Jeanne Speech, Columbus
 Ann Alethea Springer, Columbus
 Raymond Joseph Studer,
 New Washington
 Janice Lee Underwood, Columbus
 Lynne Riddle Waddle, Toronto
 Vicki Elaine West, Wilmington
 Diane Lynn Wetters, Worthington

Bachelor of Science in Agriculture

Two hundred and forty-two candidates

Donald Evans Alford, Hamilton
 Dale Eugene Amstutz, Orrville
 Bruce Edward Anderson, Piqua
 Douglas Eugene Anderson,
 Mt. Sterling
 Euna Vay Andrasik, Dayton
 John Richard Augenstein, Marion
 Owen Jay Baltuth, Cincinnati
 Michael Ramon Bardo, Salem
 Russell Howard Bare, Canfield
 Rod Michael Barnishan, Columbus
 B.A. (Davis and Elkins College)
 Harold Thomas Beck, Dayton
 Jack Porter Berry, Shreve
 Joel Thomas Berry, Shreve
 Karl Eugene Betts, Andover
 Cathrine Allyn Blauser, Baltimore
 Hans Peter Block, Sugar Grove, Pa.
 Ronnie Lee Blough, Orrville
 Alexander Theodore Bobersky,
 Lake Milton
 David Eugene Brinkman, Greenville
 Gary Wade Brookshier, Bay Village
 Timothy Charles Brotzman, Madison
 Daniel LeRoy Brown, Hillsboro
 Walter Brown, Jr., Lyndhurst
 Alice Buker, Monroe
 Alvin William Burger, Hamilton
 Michael Burns, Milford Center
 John W. Burroughs, III, Miamisburg
 Alan Rhett Butler, Portsmouth
 James Arthur Case, Delaware
 Scott William Cavanaugh, Tiffin
 Allen Keith Clark, Cutler
 Steven Roger Close, Baltic
 Donald Lee Collins, West Portsmouth
 Ronald Eugene Company, Plymouth
 Michael Bartholomew Conway,
 Manchester
 James Robert Cook, Jr., LaRue
 Jay Fredric Cowgill, Van Wert
 David Robert Craig, Mt. Sterling
 Michael Alan Criblez, LaFayette
 Thomas Eugene Crowl, Columbiana
 Daniel Jaynes Crouner, Westerville
 William Lloyd Culbertson, Hebron
 Kenneth Daniels, Newark, N. J.
 William Edward Dase, Clarksville
 George Dale Derringer, Dayton
 Becky Stine Dickerhoof, Jenera
 "Ronald Paul Dickerhoof, Louisville
 Stephen Russell Dodd, Athens
 Rodney Lee Endsley, Coshocton
 Paul Thomas Eppley, Roseville
 Dan Edward Eversole, Baltimore

Sandra Marie Eyring, Westlake
 B.S.H.E.
 Michael Paul Ezell, Bethpage, N. Y.
 Joy Ellen Federle, Kettering
 Charles John Ference,
 Mayfield Heights
 David Alan Finfrock, New Carlisle
 James Conrad Fisher,
 New Philadelphia
 Kristine Ann Fister, Barberton
 Craig Alan Fledderjohann, St. Marys
 Lee Edwin Foster, Springfield
 Dorothy Charlene Fraser,
 Burkburnett, Tex.
 Duane Hamilton Friend,
 West Alexandria
 Bruce Edward Frost, Bucyrus
 Norma Jean Fuerst, Euclid
 Robert Faye Funderburg,
 Yellow Springs
 Lisa Lynn Garrod, Cincinnati
 Frank Arthur Gasperini, Jr.,
 Bridgeport
 Mark Edward Gebhart, Lewisburg
 Michael Richard Geib,
 Columbus Grove
 Lynn Charles Geitgey, Malinta
 Thomas Merrill Geyer, London
 James Arthur Gibson, Galion
 B.S. (Michigan State University)
 Kenneth Van Duyn Gillette, Newark
 Barry Steven Glaz, Cleveland
 Mark Joseph Goeke, West Alexandria
 Gregory Alan Gombas,
 Garfield Heights
 Carl Leeson Greene, Warren
 David Frederick Grimm, Oak Harbor
 James Michael Haas, Lindsey
 Wayne Paul Haas, Euclid
 Richard Todd Hales, Grafton
 Kathryn Ann Hall, Ashland, Ky.
 Gary Paul Hehemann, Cincinnati
 Dean Merlin Henson, Shelby
 Eugene Paul Hettel, Norwalk
 Richard Duane Hiller, Ashland
 James Charles Hines, Ostrander
 Daniel Joseph Houck, Atwater
 Richard Bruce Howry, Goshen
 David Allan Hoyles,
 Tupperville, Ont., Canada
 Timothy Ralph Hutchison, Streetsboro
 John Thomas Hutter, Bay Village
 Angela Rose Jamison, Columbus
 Kurt Neil Johnson, Columbus
 Paul Junior Johnson, New Carlisle
 Gregory Hugh Jones, Marion
 Henry George Kattesh, Cleveland
 Gary Clayton Keck, Leipsic

* Also Master of Science, Graduate School

Jed Alan Keiser, Fostoria
Stanley Lawrence Kell, Jr.,
East Palestine
Donna Marie Kendig,
Sinking Spring, Pa.
Bruce Eugene Keppler, Mansfield
Jack Dean Kilpatrick, Frazesburg
Thomas Lincoln Kimak,
Allentown, Pa.
Robert Harley King, West Liberty
Michael Lynn Kissinger, Bradford
Douglas Avery Klein,
New York, N. Y.
Dale Robert Koester, Lima
Kathleen J. Kogut, Tully, N. Y.
Michael Earl Kohlsdorf, Cincinnati
Cornelius Koorn, Wooster
Randal Michael Koteles, Barberton
Joseph Kusar, Jr., Euclid
Michael Duane Lake, Shelby
Michael Thomas Lambur, Lorain
William Eugene Langel, Kirkersville
Ronald Mark Lindsey, Parma
Donald Wayne Long, Cincinnati
Michael Roy Ludwig, Columbus
William John Lund, Norwalk
Patrick Eugene Maddox, Mansfield
Martin Anthony Maline, Cincinnati
James Robert Martin, Georgetown
Mary Frances Martin, Hamilton
Lynn Michael Maurer, Botkins
Gary Lee Mavis, Edgerton
Matthew Allen McClellan,
North Canton
David George McClure,
Washington C.H.
Paul Robert McKinnie, Vaughnsville
Samuel Lee Merillat, Archbold
Paul William Meyer, Cincinnati
Stuart Michael Meyer, Cleveland
Kevin Dale Miller, Washington C.H.
Marla Sue Miller, Wooster
Ralph Edward Miller, Clyde
William Martin Miller, Plymouth
Darrell Benson Minnich, Urbana
Rebecca Elizabeth Modransky,
Bloomington
Timothy George Moss, Greenwich
Roy Lee Mowen, West Alexandria
Stephen Irvin Murphy, Wilmington
Michael Bruce Mutchler, Ocoola
Michael Edmund Naber, Toledo
Emerson Dale Nafziger, Archbold
Kathleen Annette Nelson, Westerville
Gregory Steven Noble,
Washington C.H.
Larry David Nogle, Columbus
Patricia Linda Ostrover,
Harrison, N. Y.
William Joseph Overholtz, Lima

James David Pagett, Xenia
Joseph Andrew Patronik, Mt. Healthy
Patrick Edward Perry, Vickery
Timothy David Phillips, Springfield
Ronald Joseph Pickworth, LaGrange
James Pizzino, Jr., Orange
Charles Joseph Pohlman, Delphos
Clifton Wayne Poling, Marysville
Danny Lee Polter, Fremont
Mark Alan Pontius, Amanda
William Gregory Rasbach, Cincinnati
Stephen Dee Reed, Zanesville
Gregory Paul Persons Reese, Warren
William Charles Reiss, Grove City
James Carl Rex, Blue Rock
Jeffrey Leon Rhoad, Fostoria
William Dale Rhodes, Jr., Johnstown
William Kent Richey, Jr., London
William Walter Ridenour, Lima
George Irvin Riker, Bowling Green
Joseph William Rimelspach, Fremont
Thomas Edward Ritchie,
Highland Heights
James Lloyd Robinson, Galion
John D. Robinson, Circleville
Tom Howard Robinson, Delaware
Walter Robert Rogers, East Orwell
Janet Heubel Rosenfield, Columbus
Bernard Lee Ross, Mansfield
Patrick Michael Ruble, Hebron
Eugene Howard Ruoff, Orient
Larry Alan Ryder, Columbus
Stephen Michael Sass, Seven Hills
Aaron Lee Sayre, Portland
Martin Jeffery Schuster, Cleveland
Steven Lee Scott, Mt. Vernon
Hollis Lee Shafer, Cloverdale
Bradley Claude Shephard,
Milwaukie, Ore.
Charles Leland Sherck, Republic
James Brehm Short, Bryan
William Dale Short, Archbold
Jenelle Louise Shover, Lancaster
Ronnie Dean Shupert, Seamen
Philip Christian Simon,
East Palestine
Thomas Richard Skelton, Canfield
Harry David Slawter, Middleport
Kathleen Jarosz Smith, Richfield
Roger Dean Smith, Mt. Gilead
Roger William Smith, Gallipolis
James Eugene Sours, Bloomville
Dale Edward Spieth, Hinckley
Ronald James Spiker, Norwich
Howard Alfons Stammen, St. Henry
Jone Alcorn Steward, Youngstown
Donald Ray Stewart, Columbus
Duane Charles Stewart, Hudson
Dana Douglas Stone, Wellington

Fred Michael Stoner, Navarre
Betty Louise Strang, Loudonville
William Dean Stype, Wooster
Paul Edward Swisher, II, Thornville
William Richard Swob, Jr., Houston
James Claude Szippel, Avon
Peter Stephen Thornton, Waterville
James Leo Trigg, Delaware
Susan Eve Turek, Pepper Pike
Larry Dale Ufferman, Delaware
Stephen Richard Vaughn, Westerville
Donald Lynn Veazie, Granville
Frederick Neal Walter,
New Straitsville
Emily Von Stein Walton, Nevada
Karl Jay Warnke, Bedford
David Allen Warren, Bluffton
Charles Martin Weber, Defiance
Edward Boyd Weiss, Grove City
Gary Irwin Welling, Millbury
Maxey Lee Wellman, Cincinnati
Rolf Lynn Wells, Warsaw
Donald Conrad Welter, Avon
Lester James Wenger, Orrville
Robert Grant Weston, Bedford
Judith Carol Wheeler,
Wilmington, Del.
Kathleen Mary Williams, Akron
Ronald A. Williams, Hilliard
Gary William Wilson, New Concord
James Alfred Winchell, Chagrin Falls
Charles Stanley Wingfield, Columbus
Dwight Evan Wolfe, Englewood
Charles Thomas Worley, Leesburg
Darrel Lee Wright, Trenton
Chris Oak Yoder, West Liberty
Frederick Young, Hopewell
Kent Lynn Zimmer, Arcanum
Daniel Lee Zimmerman, Ludlow Falls

Bachelor of Science in Dairy Technology Four candidates

Peter Albert Diehl, Defiance
Thomas Franklin Diehl, Defiance
Earl Lee Fisher, Winchester
Patricia Gaier Pellington, Springfield

Bachelor of Science in Food Technology Eight candidates

David Alan Bramer, Painesville
*Teung Fook Chin, Cincinnati
Vernon Warren Cole, Worthington
Dennis Lee Gierhart, Crideresville
Harvey Jack Kaplan,
White Plains, N. Y.

* Also Master of Science, Graduate School

Randal Lynn Minck, Columbus
 Roberta Ann Topits, Cincinnati
 *Maria Mon Zou Wei,
 Waterloo, Ont., Canada

Bachelor of Science in Nutrition

Two candidates

James Walter Brenneman, Dundee
 Donald Kevin Porter,
 Washington, D. C.

School of Natural Resources

Bachelor of Science in Natural Resources

Twenty-nine candidates

Steven Robert Billiar, Wooster
 Mark Larkin Bonnell,
 New Philadelphia
 Robert William Bosan, Bedford
 **Roger Clark Brown, Westerville
 Thomas Harry Brunner, Lakewood
 Joseph Andrew Cellura, Lyndhurst
 Samuel Ford Cooke, New Castle, Pa.
 David Stephen Dodd, Westlake
 Wallace Lloyd Dodge, Cincinnati
 Floyd Dominic Dottavio, Massillon
 Terry Edward Dudley, Fremont
 Darryl Bruce Freeman, Akron
 Carol Lois Fuhrman, Willowick
 Frederick William Hellenberg, III,
 Middleburg Heights
 Frederick David Hinebaugh, Jr.,
 Akron
 James Kennard Hopewell, Hillsboro
 Steven Michael King, Gahanna
 Stephen Paul Kloss, Worthington
 David Russell Koch, Painesville
 Robert James Logee, Wooster
 Gordon James Mitchell, Columbus
 Dale Stanton Plank, Elmore
 David Michael Schumm, Van Wert
 Richard Henry Shovel,
 Bedford Heights
 James Gregory Tays, Uniontown
 Mark Alan Vanek, Bedford
 Dean Elson Weber, Rutland
 Stephen Richard Whitten, Kingston
 **Cary Joel Zabell, Beachwood

School of Home Economics

Bachelor of Science in Home Economics

One hundred and forty-seven candidates

Barbara Gamble Anderson, Van Wert
 Diana Bostic Anderson, Hilliard
 Katie Louise Andrews, Bellevue
 Bonnie Tuttle Ayars, Mechanicsburg
 Donna Eileen Barrington, Columbus
 Diane Hall Bassett, Columbus
 Linda Sue Benney, Columbus
 Janeen Carol Biehle, Maineville
 Faye Carolyn Blalock, Akron
 Diane Ruth Boerger, Fort Loramie
 Deborah Knerim Bonchu, Cleveland
 Kay Anne Bortel, Liberty Center
 Dorothy Jane Bouillon, New Riegel
 Susan Christina Bowen, Wooster
 Shelley Ramae Braden, Cambridge
 Cindy Kay Brenneman, Lexington
 Donna Ruth Cahill, Columbus
 Paula Jean Callahan, Marion
 Cynthia Jean Cantalamessa,
 Willowick
 Catherine Mary Chieglis, Fairborn
 Catherine Ann Collier, Doylestown
 Phyllis Dickinson Compton,
 Worthington
 Lucinda Sarah Cornell, Westerville
 Brenda Marlene Cover, Nevada
 Florence Poland Cox, Xenia
 Arlene Louise Crosser, Hanoverton
 Deborah Wilson Davis, Columbus
 Rebecca Anne deRoche, Columbus
 Lucille Elizabeth Diehm, Willard
 Rosemary Ann Diltz, Columbus
 Peggy Marie Dove, Newark
 Debra Dunham, Toledo
 Mary Frances Ehlerding,
 Port William
 Pamela Marie Ellinger, Ohio City
 Janet Marie Essman, Columbus
 Joyce Lynne Fahrner, Sandusky
 Sherry Renee Feinstein, Columbus
 Leslie Anne Flowers, Cincinnati
 Sharon Foskuhl, Dayton
 Susan Mary Gambs, Columbus
 Martha Hiatt Greendyke,
 Port Recovery
 Marta Sue Guilkey, Portsmouth
 Suzanne Ruth Gutman, Dayton
 Kristine Louise Haines, Canton
 Kathy Winifred Hammons, Lima
 Karen Lee Hazel, Kettering
 Jo Ellen Helmlinger, Sidney
 Mary Christine Heubach, Newark
 Carol Jean Hoelscher, New Knoxville
 Janet Lee Hoffman, Grove City

Joy Evelyn Hoffman, Columbus
 Mary Donahue Hosman, Toledo
 Janice Ellen Howlett, Atlanta, Ga.
 Brenda Kaye Hutchinson, Batavia
 Marie Theresa Hyme, Lancaster
 Phyllis Nadine Janson, Columbus
 Dana Sue Johnson, Manhattan, Kan.
 Monica Lucille Jorden, Massillon
 Jane Bonifas Kahle, Kalida
 Judith Ann Kaminski, Toledo
 Eileen Mindy Kavesh, Wantagh, N. Y.
 Regina Louise Kellar, Berlin Heights
 Mary Therese Kelly, Columbus
 Anne Richards Knecht, Zanesville
 Brenda Kay Kocher, Bucyrus
 Laura Jo Lake, Columbus
 Bonnie Campbell Lancaster, Berea
 Kathleen Ann LaRue, Stoutsville
 Fern Lev, Cleveland
 Sharon Lynn Levandosky, Seven Hills
 Cathy Lee Lewis, Newburgh, N. Y.
 Andrea Susan Lieberman,
 Lake Success, N. Y.
 Lola Elaine Lober, Mt. Vernon
 Cynthia Ann Lord, Bowling Green
 Cynthia Ann Loy, Botkins
 Carol Elaine Macaulay, Columbus
 Georgia Lynne MacNeill,
 Pittsburgh, Pa.
 Debra Lynn Mager, Cleveland
 Lydia Deane Mallett, New Concord
 Barbara Ellen Manis,
 Spring Valley, N. Y.
 Janis Elizabeth Maurer, Wooster
 Margaret Ann Maurer, Columbus
 Carol Ann Meetin, Geneva
 Martha Louise Mendel, Columbus
 Carolyn Rebecca Meranda,
 Georgetown
 Carol Sue Miller, East Sparta
 Marsha Elaine Moss, Columbus
 Margaret Lynne Myers, Granville
 Marilyn Nachemson,
 West Hempstead, N. Y.
 Nancy Alene Nice, Norton
 Beth Ann Nicholson, Lima
 Donna Monn Nichols, Shelby
 Ellen Gail Nickman,
 University Heights
 Janet Marilyn Obratil, Novelty
 Lynne Margaret O'Connell,
 Monterey, Mass.
 Marie Elena Orozco, Lorain
 Robin Kuhr Ort, Cleveland
 Laurie Renee Oshuns, Beachwood
 Melanie Lynne Ostermeier, Midland

* Also Master of Science, Graduate School
 ** Also Bachelor of Science in Education,
 College of Education

Mary Gwendolyn Patterson,
Pittsburgh, Pa.
Kathryn Ann Paulinsky, Painesville
Naomi Irene Peak, Waldo
Andrea Leslie Peters, Vandalia
Carol Ann Philip, Cleveland
Barbara Lynn Phillips, Warren
Mildred Mayumi Phillips, Milan
Dianne Bradfield Piastro,
Spring Valley, Calif.
Susan Carol Pochedly, Falconer, N. Y.
Carol Barnhart Polter, Springfield
Harriett Jean Pughsley, Lima
Linda Arlene Pursley, Lebanon
Debra Lynn Rawlins, Dayton
Janice Marie Rubadue, Columbus
Ann Marie Rufo, Elyria
Jacqueline Jean Sarver, Dayton
Sally Rae Schaar, New Philadelphia
Nikki Lynn Schafer, New London
Alice Christine Schroth, Troy
Madelyn Joan Sechler, Newton Falls
Pamela Ann Shuey, Columbus
Roberta Edgell Simpson, New Albany
Victoria Lee Slaney, Worthington
Linda Lou Morton Smith, Marion
Mary Jo Smith, Columbus
Nancy Louise Smith, Bay Village
Susan Louise Snyder, Newark
Jane Stafford, Columbus
Roberta Leah Standel,
Cuyahoga Falls
Debra Stark, Columbus
Pamela Kay Stockberger, Utica
Barbara Ann Stocksdales, Wooster
Susan Kay Taylor, St. Clairsville
Kathleen Sue Thurn, Columbus
Susan Elaine Uhl, Millersburg
Elizabeth Van Allen,
Naugatuck, Conn.
Marleen Gayle Vanta, Cleveland
Irvalee Susan Varner, Nashport
Rebecca Sue Vulgamore, Jasper
Polly Ann Waltz, Chagrin Falls
Jane Elizabeth Warner, London
Teresa Watson Wellman,
Rockville, Md.
Elizabeth Redmond Williams,
Columbus
Julia Henry Wilson, Lancaster
Cheryl Lee Wine, University Heights
Susan Kathryn Wolff, Milford Center
Mary Concetta Zdinak, Toronto
Stella Marie Zonars, Kettering

Bachelor of Science in Nutrition

One candidate

Priscilla Lynn Alden, Wilmington

Bachelor of Science in Restaurant Management

Four candidates

Lee Ellen Golden, Philadelphia, Pa.
Dennis Harold Hodson, Euclid
James L. Hughes, Shaker Heights
Kenneth August Rath, South Euclid

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

One hundred and thirty-eight candidates

Dane Gordon Adams, Lagrange
B.S. (Ohio University)
Gary Richard Altman, Findlay
B.S.
Ronald Fred Arndt, Parma
B.A.
Richard William Aros, Lorain
B.A. (Ohio Northern University)
Howard Scott Ayle, Xenia
Gary R. Baughman, Zanesville
A.B. (Miami University)
Rodney Joel Beckett, Mt. Vernon
B.S. (Capital University)
Paul John Beegan, Cleveland
B.A. (Saint Vincent College)
Douglas Edward Beilstein, Mansfield
B.S. (Ashland College)
John Raymond Bommer, Elyria
Roger Lee Bookwalter, Mansfield
B.A. (Ohio Wesleyan University)
Gary Allen Clapham, Westerville
B.A.
Jeffrey Richard Clark, Columbus
B.A.
Raymond Edwin Cleary, III,
Cincinnati
B.A.
James Alan Cloyd, Elida
John Carl Cook, Jr., Van Wert
B.S.
Timothy David Craemer, Solon
B.A. (Adrian College)
Thomas Ross Cromwell, Hicksville
B.S. (Bowling Green State
University)
Gerald Edward Dice, Tallmadge
B.S.
John Peter DiMaccio, Steubenville
B.A. (College of Steubenville)
David Nolan DiSalvo, Kettering
Lonnie Ray Doles, West Milton
B.S.
Ronald Edward Douglas, Cleveland
B.S.
Joseph Richard Dunlap, Toledo
A.B. (Miami University)

Richard C. Dunlap, Jr., Toledo
B.S. (University of Toledo)

Ilmar Ezis, Findlay

Henry Nicholas Finelli, Jr., Columbus

Robert Jay Fish, Cambridge
B.S.

Paul C. Franklin, University Heights

John Robin Frische, Wapakoneta
B.S. (Ohio University)

Alan King Fulks, Athens

Charles Keith Fuqua, McComb
B.S.

John Amos Gasser, Smithville

Daniel Berl Goldberg, Columbus
B.S.

John Michael Golski, Elyria
B.S. (Xavier University)

John Terrence Green, Marion
B.A.

Ronald Joseph Greene, Dayton
B.A. (Wright State University)

Rene William Grieselhuber, Hamilton
B.S.

Matthew Louis Hablitzel, Port Clinton
B.A.

Joe Hale, III, Akron
B.S. (Kent State University)

James Warren Hanna, Ashtabula
B.S.

Larry Dean Hard, Columbus

George Howard Henderson, Cincinnati
B.S. (Bowling Green State
University)

Norbert Horst Hertl, Columbus
B.S.

Dain Joel Hodges, Columbus
B.A.

George Douglas Hoover, Oberlin
B.A. (Ohio Wesleyan University)

Robert Michael Hoyng, Troy
B.S. (University of Michigan)

Stephen Brian Hutchings,
Yellow Springs
B.S. (Brigham Young University)

Byron George Jasper, Lancaster
B.S. (Ohio University)

Carl Ray Jeffery, Antwerp
B.S. (Bowling Green State
University)

Vernon Ray Jones, Marion
B.A.

Edward Bruce Karlin, South Euclid
A.B. (Case Western Reserve
University)

Daniel Lee Kaser, Sandusky

Barry Martin Kilfoil, Cincinnati
B.A. (College of the Holy Cross)

Herbert Brightman Kinney, Columbus
B.A. (Ohio Wesleyan University)

Paul Clifford Kitchin, III, Ravenna
B.S.

Robert Francis Kroeger, Youngstown
B.S.

Kenneth Leroy Kurtz, Lima
B.A. (Anderson College)

Wayne Howard Kuzman,
Olmsted Falls
B.S. (Ohio University)

Brian Rolland Lacey, New Concord
B.A. (Muskingum College)

Patrick Joseph Lang, Columbus
B.A. (Case Western Reserve
University)

Gordon Francis Leden, Cleveland
B.S. (Ohio University)

Donn Robert Lidington, Willard
B.A.

Michael Lipson, Cincinnati
B.A. (University of Cincinnati)

Allen Barry Lishawa, Cincinnati
A.B. (Miami University)

Lester Marc Lubitz, Cleveland
B.S.Bus.Adm.

Mark Albert Macke, Cincinnati
B.S. (Butler University)

Keith Thomas Madison, Willowick
B.S. (Cleveland State University)

Gary Harold Malowitz, Cincinnati
B.S. (University of Cincinnati)

Michael Harry Malowitz, Youngstown
B.S.

William Joseph Mangano,
South Euclid

Michael Harlan Mann, Dayton
B.S.

Larry James Mardis, West Chester
B.S.

Fred Sheldon Margolis, Lorain
B.S.

Stanley Gordon Matthews, Dayton

Michael Joseph McDonnell, Dayton
B.S. (University of Dayton)

Michael Raymond McMahon,
Youngstown

James Edwin Metz, Coshocton
B.S.

Richard Allen Miller, Cleveland

Thomas Anthony Montagnese, Lorain

Rodney Allan Moore, Dayton

Neal Conrad Murphy, Hinckley
B.A. (Kent State University)

Richard Lee Myers, Columbus
B.A. (Manchester College)

Daniel Christopher Norris, Columbus
B.S. (Bowling Green State
University)

Greg Lee Offenburger, North Canton
B.A. (Kenyon College)

*Loren Michael Petry, Akron

David Brooks Pierce,
Falls Church, Va.
B.S., B.S.Ed.

Theodore Richard Pope, Delaware
B.S.

Richard Edward Prijatel, Cleveland

Daniel Walden Prust, Avon Lake

Carter White Rae, Toledo

David Nathan Rickey, Shaker Heights
B.A.

James Leo Riestenberg, Cleveland
B.S. (University of Notre Dame)

William Douglas Robertson, Granville
B.Cer.E.

Gary James Robinson, Toledo
B.A. (Ohio Wesleyan University)

Richard Douglas Rogers, Warren
B.A. (College of Wooster)

Herbert Knapp Rollins, Columbus
B.S.

Denis George Rubal, Wickliffe
B.A. (Case Western Reserve
University)

John Thomas Ryan, Columbus
B.S. (Ohio Dominican College)

William Henry Schmidt, Xenia
B.A. (Miami University)

* Also Bachelor of Arts, Colleges of the Arts
and Sciences

John O'Gene Schwamburger,
Portsmouth

Michael John Scianamblo, Dayton
B.S.

John Sedor, III, Parma
B.S. (Ohio University)

Patrick Jan Shaffer, Mogadore
B.A. (Kent State University)

Joseph Warren Shiveley, Bellefontaine

Donald Herman Siegfried, Canton

Joseph Charles Smith, Peninsula

James Allen Snyder, Indiana, Pa.
B.S. (Allegheny College)

Richard Franklin Sobie,
Garfield Heights
B.S. (Ohio University)

Gary Lynn Stannard, West Millgrove
B.S. (Bowling Green State
University)

Robert Jeffery Stephens, Toledo
B.S. (University of Toledo)

John Martin Stiefel, Shelby
B.S.

Kenneth John Stovecik, Parma
B.S. (John Carroll University)

Gerald Stephen Strauss, Marion
B.A.

John Willard Strawman, Fostoria
B.S. (Bowling Green State
University)

Jerome Tabacca, Warren
B.S.

Robert Allen Taylor, Perrysburg
A.B. (Miami University)

Terry L. Thomas, Lima
B.S. (University of Cincinnati)

Jeffrey Alan Tilson, Dayton
B.A. (Miami University)

Charles Edward Trebilcock, Girard
B.S. (Westminster College)

Timothy Alan Tschanz, Miamisburg

Patsy Usberghi, Jr., Akron
B.A. (Kent State University)

Eric Clifton VanGilder, Worthington
B.S.

Robert Lloyd VanHouse, Dayton

Raymond Henry Vecchio, Elyria
B.S. (Ohio University)

Harvey Ronald Vesha, Rocky River
B.S.

Edwin Leroy Wagstaff, Columbus
B.A. (Hamline University)

Gary L. Warren, Dayton
B.S. (Ohio University)

Robert Howard Westheld, Louisville

Harry Frederick Whitacre, Toledo
B.S. (University of Toledo)

David Mark Willen, Cleveland
B.S. (University of Cincinnati)

James Anton Williams, Perrysburg
B.A. (University of Cincinnati)

Joseph Hoffman Williams, Eaton
B.A. (Ohio Northern University)

Robert Lee Williams, Kettering

Albert Paul Zakel, Cleveland
B.A. (Ohio Wesleyan University)

Steven Jay Zaret, Cincinnati
B.S. (University of Cincinnati)

John Donald Zeides, Mansfield
B.S. (Xavier University)

Mark Alan Zimmerman, South Euclid
B.S.

Certificate of Graduate Dental Hygienist

Eighty candidates

Diane White Abshier, Bellefontaine

Linda Diane Alexander, Woodsfield

Beverly Grilliot Armstrong, Dayton

Susan Jane Bailey, Genoa

Sara Beth Baldock, Columbus

Brenda Lee Barkett, Youngstown

Christine Elise Bazler, Columbus

Linda Gail Beekman, Columbus

Susan Lawrence Black, Lancaster

Linda Marie Bowen, Columbus

Cathy Louise Carr, Fairborn

Janet Andrea Chaikin, Cincinnati

Diane Faye Clouse, Youngstown

†Carolyn Ann Conroy, Columbus

†Theresa Lynn Dare, Cleveland

Virginia Kay Dell, Fostoria

Pamela Jane Dunham, Columbus

Connie Zimmerman Dunlap, Defiance

Sheilah Gray Echard, Chillicothe

Jo Ellen Galliers, Toledo

Elizabeth Mary Grabowski, Chardon

Sherry Rae Greenberg, Toledo

Kathy Jo Griner, Troy

Gayla Henderson Headley, Camden

Bernice Ruth Horbaly, Brecksville

Elizabeth Ann Howell, Woodsfield

Mary Lynn Jackson, Mansfield

†Deborah Lynn Johnson,
Cleveland Heights

Valerie Sue Johnson, Bellefontaine

Nita Louise Kasavan, Dayton

Janet Lee Kearney, Garrettsville

Kathleen Kelly, Columbus

Sue Ellen Keslar, Zanesville
B.A. (Southern Methodist
University)

Brenda Sue King, Swanton

†Mary Catherine Kleven, Columbus

Sharon Irene Kropp, Newton Falls

Beverly Sue Kulp, Medina

Astrid Elisabeth Langell, Dillon, Colo.

Merle Rise Lapirow, Cincinnati

†Noreen Kay Leyden, Toledo

Judith Ann Litvak, Cincinnati

Susan Ellen Litvak, Cincinnati

Lynn Ammeter Loch, Mansfield

Beth Ann Lymanstall, Defiance

Karen Jones Maguire, Columbus

Sharon Cecilia Mahoney, Columbus

Rita Kay Moomaw, Smithville

†Mollie Morrison, Zanesville

††Brenda Gail Pawloski, Marietta

Betsy Louise Pistoia, Dayton

Terry Freutel Pitchford, Columbus

Diana Lynn Rarick, Millersport

Linda Jean Rauth, Ashland

Susan Faye Rensi, Hopedale

Adrienne Rich, Columbus

Becky Sue Ries, Columbus

Roberta Lynn Robison, Matawan, N.J.

†Carla Susan Rogers, Toledo

Barbara Ellen Ruef, Dayton

Pamela Ann Scannell, Toledo

Dianne Huffman Schirtzinger,
Columbus

Carol Ann Shively, Cincinnati

Rhea Toby Silverman, Cincinnati

†Barbara Jean Smith, North Canton

Carol Ann Smith, Centerville

Susan Louise Sosenko, Salem

Rebecca Ann Splane,
Fort Lauderdale, Fla.

Catharine McCann Taylor, Lancaster

Janna Lee Taylor, Columbus

Susan Gayle Tedford, Cincinnati

Antoinette Sue Tepe, Cincinnati

Victoria Lynne Thompson, Zanesville

Nancy Lee Tieman, Columbus

†Barbara Macklin Wasiloff, Columbus

Irene Elizabeth Williams, Massillon

†Janet Louise Wilson, Dayton

Deborah Ann Wolff, Medina

Mary Ann Wood, Springfield

Katherine Weston Yager, Marion

Angela Marie Zuccarelli, Columbus

† Also Bachelor of Arts, Colleges of the
Arts and Sciences

†† Also Bachelor of Science in Education,
College of Education

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

Nine hundred and ninety-five candidates

Robin Carey Abrahams,
Williston Park, N. Y.
*Doris Lugosi Abrams, Chicago, Ill.
William Dean Ackerman, Columbus
Thomas Alan Adamescu, Mansfield
Paulina Jackson Adams, Cincinnati
Nancy Ann Addison, Columbus
Barbara Terry Agin, Cleveland
Gerald Lee Agner, Columbus
Roberta Lee Alleman, Mansfield
Connie Marie Allen, Xenia
Maureen Elizabeth Allarding,
Loudonville
Pamela Jean Allarding, Columbus
Patricia Joann Allison, Columbus
John Michael Amann, Columbus
Lyn Amaral, Columbus
Alicia Christine Anderson, Madison
Donald Fern Anderson, Van Wert
Thomas James Andrew, Dayton
Diana Gay Ankrim, Chesapeake
Judith Reilly Arendash, Medina
Linda Lee Arends, Columbus
Nancy Jo Ater, Clarksburg
Martha Shiplet Au, Mansfield
Robbie Lynn Ayers, Columbus
Susan Elizabeth Bach, Belle Center
Curtis Wade Bacon, Lisbon
Hollis Anne Baetz, Cincinnati
Catherine Colledge Bailey, Bellville
Nancy Ness Bailey, Mansfield
Linda Lee Baker, Waldo
Deborah Lynn Balog, Walton Hills
Dale Allen Baptie, Chardon
Mark Alexander Barbee, Columbus
Sharon Marie Barhorst, Columbus
Mary Smith Barker, Crestline
Jeanne Kehrner Barnes,
Sistersville, W. Va.
Susan LaFleur Barnhart, Columbus
Robin Lee Barnheiser, Dayton
Cert. Grad.Dent.Hyg.
Thomas Arthur Barton, Columbus
Steven Robert Basford, Columbus
Richard Allen Baskin, South Euclid
Cynthia Ann Bass, Canton
Rebecca Rickly Bassett, Columbus
Kristine Ann Batman, Stow
Thomas Frank Battista,
Weirton, W. Va.
Melanie Jean Beck, Fairborn
Molly Beesley, Lancaster
B.A.
Cheryl Abbott Behnke, Columbus
Kathleen Alice Beining, Ottawa
Earl Leon Belgrave, Brooklyn, N. Y.
Edward Lloyd Bell, Jr., Columbus
Maureen Elizabeth Bell, Newark
Marjorie Lee Bennett, Mansfield
Ronald Edward Benning, Troy
Ronald Gene Benroth, Bluffton
Mary Freithler Bensman,
New Bremen
Karen Sue Benson, Bellville
Mary Haynes Bentley, Columbus
Susan Kilbane Bergman, Columbus
Marcy Beth Berkowitz,
Springfield, N. J.
Roberta Jean Berry, Mansfield
Steven Myers Best, Lyndhurst
Barbara Ann Bevan, Bucyrus
Daniel Lee Bevier, Willard
Maryann Caroline Bielawski,
Cleveland
John Hooper Biggers, Columbus
Don Wayne Bilderback, Orrville
Sharon Sue Bilfield, Cleveland
Glenna Sue Bish, Grove City
Penelope Ann Biss, Lima
Susan Wolfe Blanke, Columbus
Terry Ellis Bloch, Cleveland
Kathy Jo Block, Youngstown
Elizabeth Ann Blower, Grove City
Bruce Homer Boggs, Hilliard
Patricia Meinerding Bohmer, Lima
Patricia Kathleen Bohner, Cleveland
Cynthia Renee Bolte, Port Clinton
Donald Charles Boodey, Peninsula
William Keith Bookwalter, Findlay
Deborah Louise Booth, Youngstown
Frank Ken Bornstein,
Philadelphia, Pa.
Rhonda Sue Borodkin, Akron
Gregory Gordon Boulware, Columbus
Ralph Eugene Bowers, Dover
John Fredrick Bowman, II,
Reynoldsburg
Gregory Allan Boyce, Mansfield
Mary Theresa Boylan, Freeport, N. Y.
Colleen Rae Braden, Garrettsville
Joan Louise Bradford, Hamilton
Julia Ann Brady, Oberlin
Susan Mitchell Breinich, Columbus
Kay Ellen Bremer, Toledo
Cert. Grad.Dent.Hyg.
John Michael Brennan, Columbus
Deborah Mead Brinker, Fremont
Steven Craig Brinkman, Grove City
Rebecca Ann Brockelbank, Hicksville
Kenneth George Brook, Granville
Barbara Jean Brooker,
Cuyahoga Falls
Lance Eliot Brouthers, Cleveland
*Roger Clark Brown, Westerville
Jeffrey Michael Brundage,
Wantagh, N. Y.

Bernard Lesley Buckner, Cleveland
Barbara Neva Burgett, Columbus
Sherry Dawn Burk, Maumee
Cathy Hinton Burns, Plain City
Beverly Jane Burrey, Columbus
Jeanne Ellen Burris, New Bremen
Janet Monnett Burton, Columbus
Scott Edward Cackler, Delaware
Gale Virginia Cady, Newark
Roberta Johnson Cady, Reynoldsburg
Dennis Edward Caldwell, Columbus
Barbara Lee Calendine, Columbus
Nancy Kay Campbell,
Washington C.H.
Richard Lee Caner, Columbus
Shirley Peyton Cannon, Columbus
Kimberly Allen Cappel,
Port Washington
Cathaleen Carr, Grove City
Judith Ann Carter, Columbus
Patricia Cuzynski Carter, Columbus
Karen Jacqueline Caruso,
East Meadow, N. Y.
Gerald Gene Casper, Harrod
Walter Gregory Casto, Columbus
Helen Jo Cavalier, Rocky River
Lauren Jaye Ceisler,
North Bellmore, N. Y.
Barbara Scott Chaffin, Parma
Kathleen Ann Chapin, Columbus
Linda Marie Chappo, Elyria
Roberta Lynn Chevrier, Columbus
Barbara Shoop Chrissinger,
Columbus
Nancy Ann Christine,
Washington, N. J.
Robin Christy, Columbus
Constance Frederick Claes, Akron
Steven Jay Clark, Delphos
Amy Susane Clarke, Fairborn
Daniel Joseph Clary, Columbus
Laura Neff Clary, Columbus
Dianne Louise Clayton, Sidney
Barbara Sue Cochran, Newark
Sue Ann Cochran, Columbus
Cert. Grad.Dent.Hyg.
Fredelle Elaine Cohen, Toledo
Laurie Jo Cohen, Louisville, Ky.
Marlene Celia Cohen, Canton
Roberta Cohen, North Bellmore, N. Y.
Katherine Rebecca Colby, Mansfield
Candi Lee Colvin, Lima
Jan Allene Combs, Reynoldsburg
Judith Lynn Combs, Fairborn
Marlene Joy Comstock, Kenton

* Also Bachelor of Arts, Colleges of the Arts and Sciences

** Also Bachelor of Science in Natural Resources, College of Agriculture and Home Economics

Barbara Fisher Conaway, Columbus
 Leslie Herrel Connor, Columbus
 Bonniebelle Wright Cook, Lima
 Jane Elise Cook, Sidney
 Sherelyn Sue Cook, Martins Ferry
 Marion Louise Cooksey, Utica
 Geneva Thompson Cornette, Columbus
 Candace MacDonald Costas,

Portsmouth

Charlene Maillet Counts, Portsmouth
 Charles Leroy Courtright, Columbus
 Curtis Ray Cowan, Columbus
 Linda Titus Cox, Marion
 Sandra Delores Cox, Cleveland
 Sally Anne Coy, Kettering
 John Byron Cramblit, Lancaster
 Molly Ann Cressor, Columbus
 Ann Nugent Croft, Columbus
 Karen Sue Croneis, Bucyrus
 Jeanne Marie Crowley, Mansfield
 Gail Maxine Cumming, Dayton
 Richard Earl Curlett, Xenia
 James Jay Cypher, Lima

Patricia Ann Cypryla, Springfield
 Susan Daas, Marion

Carol Sue Daniels, Westerville
 Deborah Lynn Danzey, Berea
 Clifford Ralph Davis, Upper Sandusky
 Deborah Louise Davis, Columbus
 James Clarence Davis, Columbus
 Marilyn Tamaren Davis, Columbus
 Pamela Sue Davis, Richwood
 William Charles Deak, Toledo
 Ruth Worley Dearth, Bellville
 Jane McElwee Decker, Westerville
 Margaret Ellen Deitch, Steubenville
 Jo-Anne Deitz, Beachwood
 Patricia Jo DeLong, Columbus
 Michael John Demyan, Elyria
 Jacqueline Spitz Derin, Columbus
 Kathleen Gladys Devine, Worthington
 Shelia Ellen Diamond, Cleveland
 Denise Deborah Diedrich,

Worthington

Cert.Grad.Dent.Hyg.
 Carole Rita DiPietro, Columbus
 Patricia Jean Dobson, Newark
 Margaret Mary Dodds, Bellaire
 Sandra Fisher Doehler, Columbus
 Karen Ann Doherty, Maumee
 Christine Claire Dom, Cincinnati
 Thomas Roger Doseck, Botkins
 Denise Downs, Maxwell AFB, Ala.
 Michael Eugene Doyle, Wilmington
 Jacqueline Denise Dozier, Columbus
 Susan Gail Dritz, Euclid
 Huldah Dryer, Coshocton
 Elizabeth Ann Duff, Cambridge
 Nancy Anne Duffy, Cuyahoga Falls

Patricia Ann Duffy, Newark
 Georgia Lee Duhan, Salem
 Jayne Roberta Dunlap, Newark
 Jack Smiley Durban, Columbus
 John Joseph Dusseau, Toledo
 Marcia Hart Duval, Springfield
 Mary Alice Dygert, Lima
 Janice Sue Early, Brookville
 Jon Fredric Ebert, Dover
 Patricia Ann Eccleston, Crestline
 Harriet Ellen Edelman, Columbus
 Merry Edison, Greenwich, Conn.
 James Michael Edwards, Marion
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* Also Bachelor of Arts, Colleges of the Arts
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 College of Dentistry

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 Joyce Weakley Watkins, Newark
 Diane Hammer Weaver, Columbus
 Lynn Reiter Weinberg, St. Louis, Mo.

**Bachelor of Music Education
 Offered jointly by the
 College of The Arts and the
 College of Education**

Bachelor of Music Education

Twenty-nine candidates

Barbara Louise Baker, Columbus
 Harold Dale Bradley, Georgetown
 Roger Dean Brown, Worthington
 Frances DiAnne Clay, Columbus
 Mark Edwin Crandall, Sandusky
 Susan Jo Easter, Columbus
 Keith Alan Fifer, Springfield
 Daniel Thomas Gendrich, Columbus
 Sharon Cheek Grove, Delaware
 Donald William Harman, Columbus
 Larry Dee House, Barnesville
 Mark Johnathon Hutsko,
 Middleburg Heights
 ° Norman Edward Isaac,
 Charleston, W. Va.
 Lynne Elise Johnson, Medina
 Jane Marie Kalb, Bucyrus
 Barry Edward Kopetz, Columbus
 Walter Robert Leonard, Logan
 Gregory Eugene Mantor, Pataskala
 Sue Ann Phillips, Dayton
 Steven Cloyd Scherff, Mansfield
 Linda Kay Shockey, Liberty Center
 Patricia Louise Squeo, Columbus
 Mark Clinton Stull, Homokus, N. J.
 Rebecca Anne Tangeman, Coldwater
 James Rodney Tolliver, Clayton
 RaMarie Whipple, Columbus
 Patricia Ann Wienck, Parma
 Deborah Esther Winland, Zanesfield
 Ilona Margit Zbin, Cleveland

**Bachelor of Art Education
 Offered jointly by the
 College of The Arts and the
 College of Education**

Bachelor of Art Education

Thirty-four candidates

James Edward Allen, Mansfield
 Shannon Springer Bardin, Columbus
 Leslie Ann Stone Certner, Columbus
 Rae Carol Cleary, Cleveland
 Patricia Ann Click, Columbus
 Ruth Chambers Cox, Columbus
 Ann Suzan Dunker, New Washington
 Frances Patricia Friedman,
 University Heights
 Monte Eugene Garrahrant, Columbus
 † James Trent Hershman, Wadsworth
 Leslie Diane Horvath, Trenton, N. J.
 William Lee Jenkins, Centerburg
 Nancy Ilene Joseph,
 Valley Stream, N. Y.
 Linda Eileen Judy, Columbus
 Marcia Ann King, Zanesville
 Diane Leslie Klein, Clifton, N. J.
 Susan Limes Leonard, Columbus
 Ann Marie Lester, Canfield
 Debra Zee Magalnick, Roslyn, N. Y.
 Carol Sue McCoy, Washington C. H.
 Peggy Siegrist Miller, Westerville
 Michelle Louise Muller, Glenview, Ill.
 Janet Leigh Olney, Rochester, N. Y.
 Elizabeth Dale Pfefferle, Columbus
 Maureen Pitchon, Riverdale, N. Y.
 Gary Lee Reichenbach, Columbus
 Joseph Anthony Schreck, Il,
 Columbus
 Margaret Gail Taylor, Columbus

* Also Bachelor of Arts, Colleges of the Arts and Sciences

°° Also Bachelor of Science in Natural Resources, College of Agriculture and Home Economics

† Also Bachelor of Fine Arts, Colleges of the Arts and Sciences

‡ Also Bachelor of Music, Colleges of the Arts and Sciences

College of Engineering

Dean: Harold A. Bolz

Bachelor of Science in Aeronautical and Astronautical Engineering

Eighteen candidates

Elwood LeRoy Berry, III, Marion
Mark T. Bottenfield, Chillicothe
Anthony Joseph Coppola,
Smithtown, N. Y.
Micheal Allen Culp, Columbus
Jonathan Byron Dann, Columbus
David Robert Dearth, Columbus
Kenneth Clarence Elchert,
Wapakoneta
Douglas Lee Howe, Columbus
Thomas Keith Meier, Hudson
Robert Edward Phillips,
Orange, Conn.
Daniel Lee Presser, Columbus
Palle Rasmussen, Marblehead
Charles Chester Renn, Defiance
Gary Don Streby, Columbus
Charles John Thomas,
Port Huron, Mich.
Gary David Tretter,
North Caldwell, N. J.
Michael George Uccino, Middlefield
Bruce Emerson Wood, Columbus

Bachelor of Science in Agricultural Engineering

Fourteen candidates

Stuart Fred Bruny, Columbus
Paul William Chester, West Unity
Carl Herman Gest, Grafton
David Paul Gorby, Millersburg
Donald Karl Grimes, Columbus
Robert Eric Horn, Seven Hills
Myron George Logan, Farmdale
Thomas August Miller, Castalia
Karl Fredrick Myers, Dalton
Lavon Allen Riegel, New Paris
Jay Warren Shutt, Ohio City
George Allen Wallace, Columbus
Paul Edwin Willis, Spencer
Timothy Lee Yoder, West Liberty

Bachelor of Ceramic Engineering

Two candidates

Robert Lee Antram, Columbiana
Thomas Howard Booth,
New Kensington, Pa.

Bachelor of Science in Ceramic Engineering

Five candidates

Richard Eugene Fouts, Philo
Scott Charles Hay, Poland
Paul Dennis Prall, Belle Center
Monty Ray Rieger, Dover
William Rockland Welch, Columbus

Bachelor of Chemical Engineering

One candidate

Paul Brown Mount, II, Columbus

Bachelor of Science in Chemical Engineering

Twenty-nine candidates

Steve Matthew Benner,
Springfield, Mo.
John Scott Biersteker, Columbus
Richard Emin Blake, Beaver
Vernon Glick Belender, Jr.,
Lockbourne
John Christopher Bost, Akron
Sidney Eric Bowers, Troy
Thomas Eugene Claugus, Barnesville
Terry Lee Collett, Westerville
David Alan Dargan, Columbus
William Michael Fugel, Collins
Arthur Edward Garavaglia,
Cincinnati
Clyde Ralph Garrett, Jr., Columbus
B.S.
John Craig Groves, Toledo
Craig Alan Heseltin, Columbus
William Clifford Kraft, Cincinnati
John Paul Kuch, Middlefield
Eric James Linak, Brecksville
Donald Grant Lorentz,
Woodbury, N. J.
Norman Franklin Lucas, Jr.,
Columbus
Bobby James Lumpkins, Bedford
John Alfred Osterhage,
Columbus Grove
Bruce Allen Scamoffa, Hilliard
Dale George Serian, Youngstown
Thomas Edward Spriggs, Columbus
Gary Robert Strickler, Columbus
Samuel Shiu Jung Tam,
New York, N. Y.
Larry Donald Tanner, Columbus
Johnny Oliver Wright, Radnor
Paul Joseph Zerella, Youngstown

Civil Engineer

Three candidates

John Hugh Hancock, Grove City
B.S.C.E.
Ricardo Tobias Sanchez,
Clayton, N. M.
B.S.C.E. (University of New
Mexico)
Stephen Emil Yannucci, Columbus
B.S.C.E.

Bachelor of Science in Civil Engineering

Thirty-nine candidates

Frank Wesley Anderson, Cambridge
David Henry Artman, Jr., Columbus
James William Bettis, Portsmouth
Marcus Wayne Bloomfield, Bucyrus
William Brian Burgett,
Fredericktown
Richard Lynn DeWitt, Delaware
Edmund Andrew Dziubek, Lorain
Gregory Eugene Evans, Columbus
Charles William Flanigan, Jr.,
Columbus
Douglas Paul Fries, Indianapolis, Ind.
Jerry Randolph Garrison, Arcanum
Bernard Nathan Goldstein, Cleveland
Michael James Haines, Hilliard
Keith Martin Harshman, Forest Park
Richard Walter Hilscher, Columbus
Charles Robert Howard, Sabina
Jeffrey Alan Hubbard, Bremen
Dennis James Humbel, Norwalk
Ignatius Po-Cheung Lam, Hong Kong
Robert Lee Lloyd, Stryker
Donald Franklin Lowry, Ashville
Arthur Thomas Martin, Jr., Wooster
Ronald L. Matthews, Westerville
James Donald McCleary, Stow
Thomas Joseph McDonald, Columbus
Joseph Michael Morbitzer, Columbus
Thomas Henry Printy, Fremont
Steven Allen Rath, Columbus
John Frederick River, Chillicothe
Michael Jay Robinson, Lancaster
Robert Kendall Sterling, Scio
Edward William Ulle, Painesville
Paul Kevin Urban, Jefferson
Jeffrey Jay Veness, Marion
Barry Willis Waites, Lancaster
Ralph LeRoy Warne, Cambridge
Richard Michael Williams,
Cuyahoga Falls
Gary Thomas Wiseman, Columbus

David Paul Wollenberg,
New Lexington

Bachelor of Science in Computer and Information Science

Twenty-one candidates

Randy Allen Babb, Salem
David Henry Bailey, Marion
Charles Daniel Bergmann, Columbus
Daniel Robert Blazer, Columbus
Walter Ralph Conner, Columbus
David Joseph Elchert, New Riegel
Robert Winfield Francis, Columbus
David Richard Hock, Columbus
David Jay Holman, Columbus
Dennis John Jurkovich, Westlake
Neal Eduard Kaffen, Columbus
Chai Kittipaibulsak,
Garden City, N. Y.
Thomas Jay Lentz, Columbus
Ronald Kemp McCrea, Columbus
Darrell Eugene Miller, Elida
George Joseph Novotney, Cleveland
Donald Richard Perkins, Columbus
Charles Frank Rieder, Columbus
Robert Francis Stech, Jr., Lyndhurst
Sam Herrick Walker, Zanesville
John David Warobiew, Brookfield

Electrical Engineer

Three candidates

Mohammad Ali Hadjimehdi,
Tehran, Iran
B.S. (University of Tehran)
Nithad Krisnachinda,
Washington, D. C.
Diploma (Thornburi Technical
Institute)
James Joseph Rede, Columbus
B.S. in Physics (University of
Missouri)

Bachelor of Electrical Engineering

Four candidates

Edward Gudan, Lorain
*Thomas Lee Jones, New Albany
Randolph Floyd Juillard, Columbus
David Thomas Miller, Arcanum

Bachelor of Science in Electrical Engineering

Forty-nine candidates

Michael Eugene Anderson, Columbus
John Douglas Binns, Columbus
Paul Cowan, Urbana
Curtis Woodward Davis, III, Toledo
Joseph Henry Deeken, Columbus
Steven Lloyd Eatherton,
Upper Sandusky
Paul Joseph Emmert, Thornville
Thomas Daniel Flach, Marion
Douglas Wayne Fowler, Columbus
Robert Donald Fulton, Columbus
Paul Joseph Goliver, Columbus
Rene Francisco Guerra, Columbus
Thomas Franklin Gueth, Greenville
David Mark Hein, Worthington
Robert Allen Horn, Dover
Karl Raymond Inman, Columbus
Gerald John Kaufman, Jr.,
Broadview Heights
Larry Edward Larson, Columbus
Michael Allen Mahaffey, Columbus
Enos Martin Martin, Selinsgrove, Pa.
David Paul Metcalf, Lucas
Dwight Lee Miller, Mt. Vernon
Jerry Patrick Miller, Columbus
Robert Lynn Miller, Mt. Blanchard
James Bray Moore, Jr., Columbus
Robert James Musal, Jr., Valley View
Lynn Edward Neel, Navarre
George William Neyman, Jr.,
Columbus
Joseph Allen Nicholls, Twinsburg
Stephen Thomas Noffke, Cincinnati
William Douglas Parsons, Uniontown
Leslie Alan Paugh, Columbus
Richard John Precario,
Maple Heights
Michael Francis Rafferty, Columbus
Craig Stuart Robinson, Columbus
David Michael Rzasa, Lynchburg, Va.
Kevin Lee Schreiber, Columbus
John Daniel Scott, Columbus
John William Smith, Jr., Goshen
Gregory Alan Stobbs, Springfield
Eugene Raymond Strussion,
Shadyside
Thomas Harold Sunkle, Granville
John Willis Testament, Columbus
Simon Anthony Tritschler, Columbus
Gerald Clayton Tucker, Marion
David William Wise, Newark
Terry Ock-Lee Yee, Columbus
Stephen Allen Yoder, Kidron
Gary Wayne Zimmerman, Cleveland

Bachelor of Science in Physics

One candidate

Austin Gale Young, Roseville

Bachelor of Science in Engineering Physics

Eight candidates

Don Edward Alexander, Trenton
Kevin Rae Crosthwaite, West Chester
Jan David Feder, Columbus
Robert Leland Hall, Columbus
Richard John Charles Kissel,
Columbus
James Edward Mack, Independence
John Stephen Sensny, Parma
John Wilson Steidley, Cincinnati

Industrial Engineer

One candidate

Noriyoshi Yokota, Nagoya, Japan
B.A. (Keio University)

Bachelor of Science in Industrial Engineering

Sixteen candidates

Randall Lee Clady, Bucyrus
Stephen Homer Crank, Columbus
John Joseph Eyen, Cambridge
Craig Lee Franz, Deshler
Douglas Alan Harnett, Kinsman
Edward Guy Hoskinson, Lancaster
Benjamin Joseph Jones, Grove City
Robert Dale Jones, Columbus
Stephen Paul Kannen, North Olmsted
Robert Charles Kevern, Columbus
James John Marko, Mayfield Heights
John Richard McLaughlin, Columbus
Justin Joseph Murtz, Wapakoneta
Larry Don Prince, Lorain
Peter Atkins Schabo, Novelty
Richard Louis Suecheck, Canton

Mechanical Engineer

Three candidates

Robby Engtjoan Jap, Columbus
Sardjana Teknik (Bandung
Institute of Technology, Indonesia)

* Also Master of Science, Graduate School

Antoun Ibrahim Tawadrous, Sudan
B.S. (Ain Shams University,
Egypt)
Larry Arthur Zielke, Columbus
B.S.E.P.

Bachelor of Mechanical Engineering

One candidate

^aWesley Roland Cox, Cincinnati

Bachelor of Science in Mechanical Engineering

Forty-six candidates

Mark Joseph Albers, Maria Stein
Robert George Berres, Delphos
David William Boye, Columbus
Richard Duane Bullock, Brookfield
Thomas Allan Casciani, Ashland
Neville Caulfield, Van Wert
Jeffrey Arthur Cook, Columbus
John Anthony DeFranco,
Richmond Heights
Eric Alan Devore, Lancaster
Keith William Douglas, Berea
Robert William Evans, Jr., Columbus
Robert John Fogoros, Poland
Gary Lynn Golcic, East Palestine
Edward Joseph Gordon, Columbus
John Francis Gray, Richmond
Bruce Jan Hampton, Akron
Joel Severin Hausser, Marietta
Max Greer Herschler, Columbus
Robert Richard Jackson, Newark
Larry Paul Koutz, Columbus
John Fox Kranzberg, Columbus
John Raynerd Kraus, Columbus
Danny Jerry Lantzendorf, Columbus
Gregory Dale Lisk, Hilliard
James Michael MacKay, Columbus
Donald Oren Marshall, Columbus
David Paul Mayes, Canton
Paul William Meisel, Columbus
Frederick Allen Merz,
Riverdale, N. J.
Earnest Alvin Metz, Quincy
Richard James Nolan, Columbus
Roger John Nowalk, East Springfield
John Aelred O'Dea, Jr., Columbus
Ellis James Pauter, Bryan
Thomas Henry Reif, Dayton
Jack Bentley Shaffer, Painesville
Charles Wilbur Shifley, Galion
Jack Edwin Smith, Uhrichsville

George Franklin Squires, Dayton
Robert Murray Stanley,
Martins Ferry
Edwin James Taylor, Bryan
Roger William Tuomala, Columbus
Richard Quentin Wagner, Bellevue
Rudolf Weber, New Philadelphia
B.S.A.A.E.
Barry Clark Williams,
Niagara Falls, N. Y.
Donald Thomas Worthington, Hudson

Bachelor of Science in Metallurgical Engineering

Eleven candidates

Mark Evans Armstrong, Mansfield
Ernest Dewey Coberly, Jr., Canton
Michael Page Crews, Columbus
Thomas Frank Dindino, Lorain
Christopher George Klapheke,
Columbus
Gene Edward Lee, Lima
Roger Lee Lewis, Columbus
Dalton Howard Lowe, Cincinnati
Gary Murrel Reffit, Lucasville
Richard David Tenaglia, Dublin
Howard Neil Titer, Jr., Springfield

Bachelor of Welding Engineering

One candidate

Richard William Nelson, London

Bachelor of Science in Welding Engineering

Twelve candidates

F. Timothy Bacha, West Milford, Pa.
Larry Clark Heckendorn, Columbus
Richard Lyell Holdren, Little Hocking
Curtis Lee Jones, Columbus
Paul Richard Manley, Montpelier
Frank H. Pressler, Uniontown
Carl Edward Quinn, Jr., Columbus
Michael Patrick Ryan, Columbus
Peter Charles Siska, Independence
Charles Keith Stalnaker, Columbus

Lawrence Robert Teichman, Cleveland
Paul Arthur Tews, Columbus

School of Architecture

Bachelor of Science in Architecture

Thirty-nine candidates

Emmett Robert Barrett, Newark
Michael Ralph Bensinger,
West Bloomfield, Mich.
Alan Bittman, Cleveland Heights
Albert Michael Burkey, Columbus
B.A.
Sally Ann Cernik, Akron
Richard Lyle Cooper, Worthington
Jose Raul Cueto, Columbus
James Joseph Davis, Columbus
Robert Eng, Flushing, N. Y.
Larry Eugene Folk, Columbus
H. Bradford Green,
Thunderbay, Ont., Canada
Paul Stephen Hinders, Brookville
Robert Christian Holz, Columbus
Curt Guy Howard, Columbus
Michael Joseph Ivancic, Hamilton
Lynn Dean Johnson, Columbus
Richard Joseph Kolhoff, Dayton
Robert Vincent Lashaway, Columbus
Barbara Ellen Luther,
Schenectady, N. Y.
Donald Lee Maxwell, Duncannon, Pa.
Dennis Lee McDougle, Worthington
Ronald Allen Miller, Youngstown
Curtis Jerome Moody, Columbus
Michael Paul Moosbrugger, Dayton
Thomas Richard Mourhess,
Corning, N. Y.
Barton Joseph Nash, Dayton
Steven Robert Normand, Columbus
Charles James O'Brien, III, Columbus
Robert Edward Olson, Columbus
Michael Allen Oram, Columbus
A.B. (Harvard College)
Ward Peter Ponticelli,
Manchester, Conn.
Gary Robert Rutledge, Orrville
Alfred John Spagnolo,
Providence, R. I.
Philip Alan Thomas, Columbus
Frank Nelson Weber, Lorain
Raymond Scott Weiss, Hillsdale, N. J.
Michael Timothy Whaley, Ironton
Ralph Harry Wolfe, Cincinnati
James Michael Wright, Columbus

^a Also Master of Science, Graduate School

College of Law

Dean: James C. Kirby, Jr.

Bachelor of Science in Landscape Architecture

Twelve candidates

Ralph Anthony Bernard, III,
Columbus
Mark Christopher Fallon, Columbus
David George Hickman, Grove City
Janet Darner Lawver, Columbus
Thomas Lee Long, North Canton
Charles Gregory Muller,
North Royalton
Elmer Leroy Nelson, Amherst
Ronald Walter Oprzadek,
Middleburg Heights
Leslie Lynn Rodman, Columbus
Fredric John Tomasi, Canton, Mass.
Dennis Wilbur Turner, Kettering
Philip Eugene White, Canton
B.S.Agr. (Ohio University)

Juris Doctor

One hundred and eighty-four candidates

David Newell Abruzzo, Flint, Mich.
B.A. (Michigan State University)
John Rarey Allen, Ashland
A.B. (Ashland College)
Stephen Philip Allison, Akron
B.S.Bus.Adm.
Alan Garfield Anderson, Xenia
B.S. in Ed. (Wright State University)
Gordon Lee Ankney, Kettering
B.S. in Bus.Adm. (Washington
University)
Robert Philip App, Philadelphia, Pa.
B.A. (Valparaiso University)
Richard Wayne Avery, Cincinnati
B.A. (University of Cincinnati)
Howard D. Bader, Riverdale, N. Y.
B.A. (Adelphi University)
Craig Douglas Barclay, Newark
B.S.
Samuel Logan Barile, Parma
A.B. (Ohio University)
Robert Leslie Beals, Cleveland
A.B. (University of Michigan)
Kit Robin Becker, Brooklyn
B.B.A. (Ohio University)
Alan Nathan Bellman, Toledo
B.S. (University of Michigan)
Charles Kirby Bennett, Granville
B.A. (College of Wooster)
Michael Eugene Bernard, Kenton
B.A. (University of Notre Dame)
Jeanette Elaine Bialczak, Columbus
B.A.
Marilyn Enroth Bird, Seattle, Wash.
B.A. (University of Washington)
James Russell Blake, Poland
A.B. (Duke University)
Stephen Andrew Bogenschutz, Xenia
B.A. (University of North Carolina)
David Alan Bowers, Toledo
B.S.Ed.
Harold Edmund Brazil, Columbus
B.A.
Trevor Keith Buehler, Dover
A.B. (Wittenberg University)
Jack Patrick Bunce, Lebanon
B.S.Ed.

Edward Benedict Buonopane,
Summit, N. J.
B.A. (Ohio University)

John Andrew Burns, Columbus
B.A.

James Sternberger Cahn,
Shaker Heights
A.B. (University of Pennsylvania)

Thomas William Carton, Jr.,
Kettering
B.A. (Bowling Green State
University)

Nick Vincent Cavalieri, Parma
B.A., B.S.Ed.

Andrew Knox Cherney, Fairfield
B.A. (University of the South)

Karen Gingrich Cherrington,
Columbus
B.S.Ed.

Edward Louis Clark, Akron
B.S.

Jeffery Michael Clery, Palatine, Ill.
A.B. (University of Notre Dame)

Mark Barry Cohn, University Heights
B.S.Bus.Adm.

Oakley Clark Collins, Jr., Ironton
A.B. (Ohio University)

Philip Monroe Collins, Athens
B.S.Ed. (Ohio University)

Tom Harvey Connolly, Columbus
B.A.

Robert Steven Connors, Aurora
A.B. (Ohio University)

Michael Dennis Cotleur, Lorain
B.A., M.B.A. (University of
Kentucky)

Robert Lewis Crane, Jr., Akron
B.A. (Miami University)

Gary Wayne Crim, Dayton
B.A. (New School for Social
Research)

John Alan Cumming, Dayton
B.S. in Bus.Adm. (Bowling Green
State University)

Edward Charles Czopur, Youngstown
A.B. (Youngstown State University)

Joseph Thomas Dattilo, Akron
B.A. (Kent State University)

David William Davis, Columbus
B.A.

Frederick Edward Davis, Jr.,
Yellow Springs
B.A., M.A.

William John Davis, East Liverpool
B.A.

Mark Decker, Columbus
B.A. (Ohio Dominican College)

Mark Eugene DeLong,
Cleveland Heights
A.B. (John Carroll University)

Gregory Brian Denny, Maple Heights
B.S. in BusAdm. (Washington
University)

Gregory Scott DeWolfe, Defiance
B.A.

Robert Arthur Dittman, Fremont
B.A. (Northwestern University)

Philip Louis Dombey, Rocky River
A.B. (Hillsdale College)

Allan Thompson Downen, Sidney
B.A. (Vanderbilt University)

Bruce Lee Downey, Johnstown
B.S.Bus.Ad. (Miami University)

Stanley Bruce Dritz, Euclid
B.A.

David Michael Duwel, Dayton
B.S. in Bus.Ad. (University of
Dayton)

Drake William Ebner, Lima
B.A. (Miami University)

Joseph Donald Epps, Jr., Akron
B.B.A. (Ohio University)

William George Fischer, Columbus
B.S.Bus.Ad. (Bowling Green State
University)

Stephen Charles Fitch, Portsmouth
B.A.

Stephen David Freedman, Columbus
B.S.Ed.

Marc Richard Friedman,
New York. N. Y.
B.A.

Daniel Karl Friend, Cleveland Heights
B.A.

Richard Arthur Frye, Cuyahoga Falls
A.B. (Wittenberg University)

Leslie James Garber,
Los Angeles, Calif.
B.A. (University of California at
Los Angeles)

John Marshall Garmhausen, Sidney
B.A. (Ohio Wesleyan University)

Michael Frederick George,
Beckley, W. Va.
B.S. Bus. (Virginia Polytechnic
Institute)

Mary Jane Goldthwaite, Columbus
B.A. (Smith College)

Geoffrey Steven Goll, Steubenville
B.A. (Denison University)

Terry Lee Goodman, Canton
B.A. (Otterbein College)

Mario Christopher Grant,
North Olmsted
B.A.

John Robert Grass, Allen Park, Mich.
B.S. in Ed. (Central Michigan
University)

Charles Owen Green, Columbus
B.A.

Alden Edgar Gross, III, Salem
B.A. (University of Notre Dame)

Robert Lee Guehl, Dayton
B.A.

Alan Paul Gustafson, Gowanda, N. Y.
B.A.

James Andrew Hammerschmidt,
Moorestown, N. J.
B.A.

Rodney Dean Hanson,
Granite Falls, Minn.
B.A. (Hamline University); M.A.
(Ohio University)

Michael Martin Haran, Columbus
B.A.

Thomas I. Hausman, Toledo
B.A. (University of Colorado)

John Charles Hemphill, Clarinda, Ia.
B.A. (Drake University)

Ronald Roy Henderson, Cleveland
B.S. (United States Naval Academy)

Donald James Hilliker, Bellefontaine
B.S.Bus.Ad.

Thomas Scott Hodson, Vandalia
B.S.Jour. (Ohio University)

Wayne Paul Hohenberger, Defiance
B.A. (Bowling Green State
University)

Douglas Eivind Hoover, Worthington
B.S.Bus.Ad.

Leonard Lima Hopkins, Jr., Columbus
B.S.Bus.Ad.

Thomas Leslie Horvath, Columbus
B.A.

James Parker Hunter, Jr.,
Pepper Pike
B.A. (University of Arizona)

Marc Bradley Inboden, East Sparta
B.A. (Otterbein College)

Carl Andrew Ireton, Kettering
B.B.A. (University of Notre Dame)

Simon Barry Karas, Lorain
B.A.

Bernard LeRoy Karr, Conneaut
B.S. in Ed. (Bowling Green State
University)

George William Katz, Lakewood, N. J.
B.S. (Fairleigh Dickinson University)

Michael Morris Katz, Canton
B.A. (Purdue University)

Walter Kaufmann, Columbus
B.S.I.E.

Donald Kennicott, Lexington, Tenn.
B.A.

Terry Lee Kilgore, Bellville
B.A. (Wittenberg University)

Peter Dyche Kinder, St. Clairsville
A.B. (Princeton University)

Michael Joseph Kuhlman, Findlay
B.A.

Philip Eugene Langer, Dayton
B.A.

Alan Eliot Lebon, New Haven Conn.
B.A. (Adelphi University)

Carlisle George Lewis, Jr., Zanesville
B.A.

Gary Allan Lickfelt, Sandusky
B.S.Bus.Ad. (Bowling Green
State University)

Thomas Arthur Linton, Columbus
B.A. (California State College at
Fullerton)

Joseph Litvin, Dayton
B.S.E. (University of Michigan);
M.S. (University of Cincinnati)

Joseph John LoPresti,
University Heights
B.B.A. (University of Notre Dame)

Curtis Alan Loveland, Poland
B.B.A. (Ohio University)

John Thomas Madigan, Toledo
B.A. (University of Windsor)

Michael Stephen Marlin,
New Castle, Pa.
B.S. (Purdue University)

George Ray McCann, Springfield
B.A.

Timothy Craig McCann, Dayton
B.A.

Garnett Louise McDonough,
Springfield
B.S.Ed. (Wright State University)

James Dyer McIntire,
South Charleston
B.A. (Miami University)

Joe Gordon McKeever, Crooksville
B.A. (Ohio University)

Thomas Craig McNinch, Trotwood
B.A.

Martin Joseph Mehall, Shelby
B.S.Bus.Adm.

Nancy Jane Melia, Columbus
B.A.

Thomas Anthony Melvin, Columbus
B.A., D.D.S.

Richard Lee Merkel, Dillonvale
B.S.

James Elder Michael, Jr., Gambier
B.A. (Amherst College)

Robert LaVerne Miller, Mansfield
B.A.

Steven Alan Miller, Columbus
B.A. (Denison University)

John Thomas Mills, Canton
B.A. (Ohio University)

David Allan Monroe, Findlay
B.A.

Robert Lee Mowls, Malvern
B.A.

Jerry Karl Mueller, Jr., Lakewood
B.S. (Case Western Reserve
University)

Charles Dale Mullenix, Columbus
B.S.Bus.Adm.

Timothy Edward Murphy, Columbus
B.A.

Eugene Harold Nemitz, Jr., Jefferson
B.A. (Wittenberg University)

Nancy Elizabeth North,
Canal Winchester
B.A.

Daniel Joseph O'Connor, Zanesville
B.A. (Miami University); M.B.A.
(University of Montana)

Fred McLauren Oxley, Ashland
B.A. (Miami University)

David Alvin Penrod, Springfield, Va.
B.A. (Bridgewater College)

Charles Michael Piacentino, Marion
B.A. (University of Notre Dame)

William Raymond Polhamus, Piqua
B.A. (Michigan State University)

Frederic Andrew Portman, Columbus
B.S.Ed.

Joseph Potts, III, Rosemont, Pa.
B.A. (Denison University)

Lawrence Dwight Pratt, Dayton
B.A. (Miami University)

Richard William Quigley, Jr., Toledo
B.A. (University of Toledo)

Frank Allen Ray, Dublin
B.A.

Carl Albert Rayburn, Columbus
B.A.

Terry Alan Redmon, Dayton
B.A. (Wright State University)

Frederick Richard Reed, Lancaster
B.A. (Harvard University)

Marvin Israel Resnik,
University Heights
B.B.A. (Ohio University)

Dana G. Rinehart, Columbus
B.A.

John Joseph Ritchey, Fredericktown
B.A. (Baldwin-Wallace College)

Herman Roy Rosenbusch, Columbus
B.A.

Dan David Sandman, Cincinnati
B.A.

Jesus Carruth Sandoval,
Farmington, N. M.
B.A. (University of New Mexico)

Ronald Jacob Scharer, Marion
B.A. (Otterbein College)

John Morgan Schromen, Orrville
B.A. (Capital University)

Roger Lee Selfe, Columbus
B.A. (Ohio University)

David Craig Shade, Sunbury
B.S. in Ed. (Ohio University)

Mark Canon Sholander,
Shaker Heights
B.A. (Cornell University); M.A.

James Darryl Sillery, Dayton
B.A. (Wright State University)

Dennis Lyle Sipe, Lansing, Mich.
B.S. (Michigan State University)

William Jeffrey Sitterley, Lancaster
B.A. (Albion College)

Carmen Goldstaub Slominski,
Lakewood
B.S., M.A.

Zygmunt Gregory Slominski,
Shaker Heights
B.A.

Robert Bruce Snyder, Dayton
B.A. (Yale University)

Alexander Morris Spater,
Ardsley-on-Hudson, N. Y.
B.A. (Lawrence University); M.A.
(University of California, Berkeley)

William Albert Spratley, Wooster
B.A. (College of Wooster)

John C. Stamatakis, Dayton
B.S. (Miami University)

David Jay Sternberg, Cleveland
B.S. (Miami University)

William Joseph Strapp, Urbana
B.A.

William James Taylor, Zanesville
B.A.

George William Thomas, Dublin
B.A. (Marquette University)

Ernest Henry Thompson,
Newark, N. J.
B.A. (Kent State University)

William Louis Thorne, Kirtland
B.A. (Kent State University)

Arthur Everette Thornton, Erie, Pa.
B.A. (Pennsylvania State University)

Robert Henry Thurauf, II,
Kittanning, Pa.
B.A. (Wittenberg University)

Douglas Milburn Toot, Youngstown
B.A. (Duke University)

Gary Lee Tyo, Marion
B.S.Ed.

Gerrit John Tysse, Chagrin Falls
A.B. (Hope College)

William Wayne Weidaw, Newark
B.B.A. (Ohio University)

Allan Joseph Weiner, New Castle, Pa.
B.B.A. (University of Michigan)

Charles Eugene West, Coshocton
B.A.

Charles Allen Whetstone, Wellston
B.S.Ed.

Harry Woodrow White, Yorkville
A.B. (Ohio University)

David Howard Williams, Columbus
B.A. (Denison University); M.A.
(Columbia University)

William Hunt Woods, Maumee
B.S.Ed.

College of Medicine

Acting Dean: Robert J. Atwell, M.D.

Mary Ellen Wynn, Cuyahoga Falls
B.A.

William Ross Zerkle, Syracuse
A.B. (Ohio University)

Doctor of Medicine

Three hundred and forty-four candidates

Fred Martin Abramovitz, Cleveland
Glenn Edward Aldinger, Cincinnati
B.S. (University of Cincinnati)

Martin Alvin Alpert, Akron
B.S. (University of Akron)

Chester Anthony Amedia, Jr.,
Hubbard
B.A. (Kenyon College)

Harry Lowell Amsbary, Gallipolis
B.S.

Gregg William Anderson, Toledo
B.S.E. (University of Michigan)

Anne Cramer Andorn, Chagrin Falls
A.B. (Case Western Reserve
University)

Kenneth Lewis Andrus, Columbus
B.S. (Marietta College)

Thomas John Antalik, Youngstown
B.A. (Youngstown State University)

Roger Louis Antonelli, Cincinnati
B.S. (University of Dayton)

Charles Ellis Aplin, II, Columbus
B.A. (Ohio Wesleyan University)

Mark Leighton Apling, Oak Harbor
B.S.

Terry Vincent Arnold, Xenia
B.S. (Otterbein College)

Frederick Gray Asche, Portsmouth
B.S. (Capital University)

John Namer Aseff, Cleveland
B.S.

Richard Roy Augspurger, Dayton
B.S. (Otterbein College)

Bruce Edward Babula, Fairview Park
B.S. (University of Notre Dame)

Roger Edwin Baker, Warren
B.A. (Hiram College)

William Alfred Baker, Beachwood
B.S. (University of Vermont)

Frank Michael Baldauf, Delphos
B.S.

Robert Merrill Ball, McGill, Nev.
B. Eng. Phys. (Cornell University)

Richard Leon Banning, Farmdale
B.S. (Ohio Northern University)

Robert Allen Baranek,
Cuyahoga Falls
B.S. (Saint Edward's University)

Janet Winifred Bay, Kilbourne
B.S.

Craig Wesley Beachler, Clayton
B.A. (Wittenberg University)

Stephen Lester Bell, Toledo
B.A. (Northwestern University)

Edward Virdell Bennett, Jr., Dayton
B.A. (Fisk University)

Joseph Carl Bennett, Portsmouth
B.S.

R. Laurence Berkowitz, Youngstown
A.B. (University of Michigan)

Michael Enrico Bernardino,
North Canton
A.B. (Case Western Reserve
University)

Kenneth John Bescak, Lorain
B.S. (Xavier University)

Michael Anthony Bianco,
Cuyahoga Falls
B.S. (University of Akron)

James Kenneth Billman, Jr.,
Middletown
B.S. (Michigan State University)

Anthony Gary Bitonte, Youngstown
B.S.

Ross Rolland Black, II,
Parma Heights
B.A. (Muskingum College)

Edward Dowe Blackburn,
Fredericktown
A.B. (Miami University); M.S.

Douglas Lyle Blocker, Canton
A.B. (Miami University)

John David Bond, Akron
B.S.

Jack Branyon Booth, Zanesville
B.S. (Otterbein College)

James Theodore Bowlus, Perrysburg
B.A. (Ohio Wesleyan University)

Robert Cameron Brethauer, Cleveland
B.A. (Hiram College)

Phillip Mohler Brooks, Columbus
A.B. (Miami University)

Laurence George Brown,
Olmsted Falls
A.B. (Earlham College)

Richard Coe Bump, Tiffin
A.B. (Ohio University)

William Kerr Butler, Wellston
B.S.

Ronald Roy Campbell, Toledo
B.A. (Antioch College)

Bruce Carter, New Plymouth
B.S.

Andrew Joseph Catanzaro, London

Dennis Ray Cebul, Euclid
B.A. (Denison University)

Jeffrey Alan Chaitoff, Pepper Pike
B.A. (Miami University)

Marvin Harvey Chasen, Dayton
B.E.E. (City College, New York);
M.S.E.E. (Air Force Institute of
Technology)

Charles Robert Christopher, Dayton
B.S. (University of Dayton)

William Ralph Cohen,
Cleveland Heights
B.S.

Kenneth Eugene Cole, Gallipolis
B.A. (Cedarville College)

Ralph William Colla, Jr., Youngstown
B.S.

Robert Elliott Collier, Dayton
B.A.

Blaise Leo Congeni, Solon
A.B. (Miami University)

Robert William Corwin, Dublin
B.S. (Heidelberg College)

Anthony Joseph Costa, Ashtabula
B.A. (Case Western Reserve
University)

George Michael Cotterman, Wauseon
B.S.

David Eric Cowall, Columbus
B.S.

Robert Eugene Cowan, Alliance
B.S.

John Francis Cullen, Jr.,
Southport, Conn.
B.S.

Lee Roy Davis, Minerva
B.S. (Mount Union College)

Keyvyn Ferry Deal, Columbus
B.S.

Debbbra-lynn Debaets, Worthington
B.S. (Marietta College)

Kenneth Bernard Deck, Cincinnati
B.S. (University of Cincinnati)

Paul Huston Dillahunt, II,
Worthington
B.S.

Paul Mansfield Doty, Westerville
B.A. (Ohio Wesleyan University)

Gregory Joseph Dray, Warren
B.S. (North Carolina State
University)

Thomas James Drouhard, Loudonville
B.S. (John Carroll University)

Walter Joseph Drugan, Jr., Ravenna
B.S.

Henry Francis Drygas, Jr., Lorain
B.S. (Hillsdale College)

Gerald Robert Ehrsam, Toledo
B.S.

David Edward Eibling,
Fort Lauderdale, Fla.
B.S. (Capital University)

Larry Stephen Elliott, Columbus
B.S.

Mark Richard Engelman, Columbus
B.S.

Larry Stewart Everhart, Columbus
B.A.

Stephen Thomas Faehnle, Columbus
B.S.

Stephen Andrew Farkas, Akron
B.S. (University of Akron)

Paul William Farrell, II, Zanesville
B.S. (United States Air Force
Academy)

Domenic Russel Federico, Cleveland
A.B. (Case Western University)

Bruce Allen Fellows, Columbus
B.S.

Joseph Martin Ferguson, Canton
B.S. (University of Dayton)

Charles Wesley Ferris, Jr.,
Olmsted Falls
A.B. (Case Western Reserve
University)

Mark Samuel Fettman, Canton
B.S. (McGill University)

Eric Bruce Fisher, Wapakoneta
B.S.

Neil Munro Flynn, Los Angeles, Calif.
B.A. (University of California,
Los Angeles)

Anthony Ernest Foley, Dayton
B.S. (University of Dayton)

Louis Christopher Foley, Middletown
B.S. (Xavier University)

Arthur William Fox, Cleveland
B.A. (University of Rochester)

Theodore D'Eston Fraker, Jr.,
Mansfield
B.A. (Wittenberg University)

Deborah K. Franley, Jefferson
B.A. (Hiram College)

Marc Irving Gaines, Toledo
B.S. (University of Toledo)

Marjorie Curtis Gallagher, Columbus
A.B. (Mount Holyoke College)

Robert Eugene Gardner, Dayton
A.B. (Earlham College)

Michael J. Gast, Park Forest, Ill.
B.S. (University of Illinois)

Marc Howard Gertner, Columbus
B.S. (University of Michigan)

Robert Edward Gieringer, Dayton
B.S. (Denison University)

Gary Lee Gillen, Bellefontaine
B.S.

Bogomir John Glavan, Cleveland
B.S. (John Carroll University)

James Morris Goldfarb, Cleveland
B.A. (Miami University)

Joseph Aloysius Golish, Jr., Mentor

Eduardo Gustavo Gomez, Applecreek
B.S.

William George Goodman, Findlay

Stephen Myles Gorman, Jr., Berea
B.S. (John Carroll University)

Robert Arthur Gormley, Barberton
A.B. (Cornell University)

David Carl Gundlach,
Washington C.H.
A.B. (University of Detroit)

Carol Miller Hagberg, Lakewood
A.B. (Miami University)

Robert David Hagberg, Euclid
A.B. (Miami University)

Harry Stephen Haluszka, Parma
B.A. (Case Western Reserve
University)

James Michael Hamilton, Columbus
B.S.

Michael Kevin Haninger, Gahanna
B.S.

Roy Edgar Harvey, III, Van Wert
B.S. (Bowling Green State
University)

James Allan Hayes, Piqua
B.S. (University of Toledo)

Michael Riley Heaphy, Lima
B.S. (University of Toledo)

Richard Scott Heath, Cincinnati
B.S. (University of Cincinnati)

Sterling William Hedrick, Columbus
B.S. (John Carroll University)

John Stephen Heisel, Marion
B.A. (Ohio Wesleyan University)

William Dayton Henceroth, II,
Grove City
B.A. (Denison University)

Jack George Gilbert Hendershot, Jr.,
Canton
B.S. (Capital University)

Ralph Frank Henn, Geneva
A.B. (Cornell University)

William Chapman Holliday,
Youngstown
B.S.

Michael Dale Holmes, Sandusky
B.A. (Ohio Wesleyan University)

Willa Ann Hsueh, Columbus
B.S.

Roger James Hueck, Cleveland
B.S. (Purdue University)

Stephen Francis Hudak, Youngstown
B.S. (John Carroll University)

James Robert Hulls, Columbus
B.A.

Gerald Francis Hulvat, Cleveland
B.A. (Xavier University)

Letha Yurko Hunter, Weirton, W. Va.
B.S., M.S., Ph.D.

William Ward Hunter, Jr., Coshocton
D.V.M., M.S.

Charles Gary Hurst, Hamilton
B.A. (University of Louisville)

Terry Lee Irwin, Canton
B.S. (Yale University)

Arthur Russell Jacobs,
New Rochelle, N. Y.
B.S. (Union College)

Rebecca Smith Jaffee, Solon
B.A. (College of Wooster)

William Louis Jaffee, Columbus
B.A. (College of Wooster)

William Malcolm Jamieson, III,
Worthington
A.B. (Miami University)

Guy Vinje Jeanblanc, Springfield
A.B. (Case Western Reserve
University)

Phillip Dean Jeffers, Columbus
B.A. (Miami University)

Thomas Frank Jenkins, Cincinnati
B.A. (DePauw University)

Steven Lane Johnson, Cuyahoga Falls
B.S. (University of Akron)

Robert Charles Jorden, Massillon
B.S.

Philip Byron Kalman, Akron
B.A. (Case Western Reserve
University)

Robert Richard Kamps, Richfield
B.S.

Steven Robert Kanner, Columbus
B.S.

Steven Feld Kanter,
Highland Heights
B.A. (Kent State University)

Jeffrey Allan Kase, Cuyahoga Falls
B.S. (Akron University)

James Michael Kasick, Cleveland
A.B. (Kenyon College)

Kipp Verling Kastens, Kettering
A.B. (Manchester College)

Sherman Allen Katz, Cleveland
B.A. (Case Western Reserve
University)

Russel Eugene Kaufman, Kenton
B.S.

Zachary Allan Kaye, Beachwood
A.B. (Miami University)

Don Emerson Keener, Farmersville
B.S. (University of Dayton)

Michael Warren Keith, Cleveland
A.B. (Case Western Reserve
University)

Thomas Melvin Kessler, Greenville
A.B. (Manchester College)

William Edward Kibbey, Columbus
B.S.

Dale LeVerne Kile, Jr., St. Marys
B.A. (DePauw University)

Bernard David King, Alger
B.S. (University of Notre Dame)

David Lynn Klein, Coshocton
B.S.

Richard Charles Klein, Greenville
B.S.

Robert Joseph Klinger, Worthington
B.S.

Charles Asa Koller, South Euclid
A.B. (University of Michigan)

William Siegfried Koller, Jr.,
Kettering
B.A. (Kenyon College)

Gregory Conrad Kotheimer,
Bay Village
B.S. (University of Dayton)

William Richard Krall, Hamilton
B.A. (Miami University)

Barry Loren Kramer, Shaker Heights
B.A. (University of Wisconsin)

Nelson Harward Kraus, Worthington
B.S., M.S.

William Charles Krupski, Lorain
A.B. (Wittenberg University)

Glenn Richard Kubina, Youngstown
B.S.

Stephen Gabriel Kuruc, Richmond
B.A. (College of Steubenville)

Terry John Kyle, Parma
B.S.

Jack Darryl Kyman, Cleveland
B.S.

Ronald Alfred Landefeld, Columbus
B.A.

Alfred Thomas Lane, Dayton
B.S. (University of Dayton)

Roberta Mary Langenkamp, Celina
B.S. (University of Dayton)

Thomas LaVerne Lawrence,
West Farmington
B.S.

Larry Edward LeFevre,
Fort Recovery
B.S. (University of Dayton)

Albert John Lehmicke, Akron
B.S. (University of Akron)

James Timothy Lehner, Toledo
B.S. (University of Notre Dame)

Terrence Andrew Leingang, Dayton
A.B. (Earlham College)

Donald Arthur Leopold, Huron
B.S.E. (University of Michigan)

Gerd Charles Leopoldt, Toledo
B.S. (University of Toledo)

- Alan Robert Levinstone, Jersey City, N. J.
B.S. (Stevens Institute of Technology)
- Gary Dan Lichten, Akron
B.S. (University of Akron)
- James George Limbert, Dayton
B.S. (University of Dayton)
- Everett Raymond Lindsey, Kenton
A.B. (Miami University)
- Stephen Moore Lindsey, Oxford
A.B. (Miami University)
- Robert Lee Loychik, Warren
B.A. (Youngstown State University)
- Kenneth Joseph Lucas, Garfield Heights
A.B. (Case Western Reserve University)
- Anthony Ferdinand Lugo, Dayton
B.S. (University of Dayton)
- Michael James Luzar, Girard
A.B. (Youngstown State University)
- William James Lynch, Columbus
B.S. (John Carroll University)
- Michael Stephen Mack, Toledo
B.S. (University of Toledo)
- Alfred Parsons Magness, II, Coshocton
B.A. (Denison University)
- Linda Joyce Magness, Coshocton
B.A. (Denison University)
- *Ronald Emery Mako, Willoughby
- Stuart Laurence Markowitz, South Euclid
A.B. (Case Western Reserve University)
- Roxy Marrese, Jr., Akron
B.S. (University of Akron)
- James William Marsh, Elyria
B.A. (Ohio Wesleyan University)
- Thomas Hobbs Marsicano, Columbus
- Christopher Raymond Martin, Sandusky
B.S. (Washington and Lee University)
- Michael Donald Maves, Toledo
B.S. (University of Toledo)
- Thomas George Meeks, Columbus
B.S. (Denison University)
- Anthony Joseph Melaragno, Cleveland
B.S.
- Arne Melby, III, Chagrin Falls
B.A. (Saint Olaf College)
- Paul Michael Mendelman, Columbus
B.S.
- David Strauss Mendelson, Gates Mills
A.B. (University of Michigan)
- Deborah Schaefer Mendelson, Berea
B.A. (Vassar College)
- Mark Irwin Mentser, Columbus
B.A.
- Howard Michael Miller, Dayton
B.S. (Ohio University)
- Jacob Allen Miller, Hartsville
B.A. (Eastern Mennonite College)
- Francis Michael Minch, Kettering
B.S.
- William George Mishler, Cleveland
B.S. (University of Dayton)
- Mark Aloysius Mitchell, Columbus
B.A. (University of Notre Dame)
- James Peter Mondzelewski, Cleveland
B.S. (University of Dayton) ; M.S.
- Larry Alan Moore, Shreve
B.S.
- Stephen Henry Morenz, Cincinnati
B.A. (Valparaiso University)
- Jerry Meldon Morgan, Copley
B.S. (Ohio University)
- Susan Kay Morris, Canton
B.A. (Case Western Reserve University)
- Samuel Lee Moses, Cleveland
B.S. (Cleveland State University)
- Joseph John Mravec, Canton
B.S.
- Arlynn Faye Mulne, Youngstown
B.S. (University of Michigan)
- John Jackson Munsell, Mansfield
- Jay William Murphy, Canton
B.A. (Denison University)
- Samuel George Murphy, Columbus
A.B. (Duke University) ; M.S. (North Carolina State University) ; Ph.D. (Albany Medical College)
- Timothy James Myer, Canton
A.B. (University of Rochester)
- Steven Naltsas, Akron
B.S.
- Douglas Norman Naversen, Dayton
B.S. (United States Air Force Academy)
- James Thomas Nicklay, Elyria
B.S.
- Judith Garlough Nickras, Springfield
B.S. (Bowling Green State University)
- Lawrence Joseph Nyeste, Barberton
A.B. (Case Western Reserve University)
- David Walter Olson, Doylestown
B.S. (Bowling Green State University)
- Jean-Pierre O'Neal, Columbus
B.S. (Otterbein College)
- Beryl Macy Oser, Jr., Columbus
B.A. (Miami University)
- Richard William O'Shaughnessy, Columbus
B.S.
- Arthur Eric Ostergard, Cuyahoga Falls
B.S. (University of Akron)
- Thomas George Oyer, Wapakoneta
B.S.
- Marc David Paris, Cleveland Heights
B.A. (Tulane University)
- John Patrick Parker, Wadsworth
B.A. (Denison University)
- Edward Kenneth Partyka, Lorain
A.B. (Case Western Reserve University)
- John Senff Patterson, Millersburg
A.B. (Miami University)
- Harry Bartholomew Pearce, Brecksville
B.S.
- Thomas Patrick Perone, Columbus
B.S.
- George Michael Pipoly, Poland
B.S.
- Thomas Andrew Ports, Columbus
A.B. (Case Western Reserve University)
- John Elliott Pressler, Hamilton
B.S. (University of Michigan)
- Paul Lawrence Quinter, Minster
B.S. (University of Cincinnati)
- Thomas Michael Raabe, Delphos
B.S.
- Patrick Louis Radecki, Toledo
- Thomas Edward Radecki, Toledo
B.S. (University of Toledo)

* Also Bachelor of Arts, Colleges of the Arts and Sciences

Raymond Leroy Raitz, Tiffin
B.S. (Heidelberg College)

Michael Steven Rappoport, Cincinnati
B.S. (University of Cincinnati)

James William Rautzen, Lyndhurst
B.A. (Hiram College)

Clifford William Raymond, Columbus
A.B. (Asbury College)

Roy Scott Ream, West Milton
A.B. (Earlham College)

James Bruce Rector, Lakewood
B.A. (Ohio Wesleyan University)

Douglas Allen Regula, Sulphur Springs
B.A. (Ohio Wesleyan University)

Paul Alan Rehder, Grove City
B.S.

Louis Henry Reiss, Gates Mills
B.A. (College of the Holy Cross)

Michael Louis Rekart, Delphos
H.A.B. (Xavier University)

William Jay Rheuban, Cleveland Heights
B.A. (University of Rochester)

Donna Marie Richardson, Berea
B.S.

Karen Sue Ritchie, Kettering
B.A. (Graceland College)

Michael Graeme Robinson, Hamilton
B.S. (University of Dayton)

Philip Alan Rogers, Piqua
B.A. (Denison University)

David Michael Rose, Columbus
B.S.

Gary Alan Roselle, Columbus
B.S.

Fred Bruce Rosenberg, University Heights
A.B. (Washington University)

Kenneth George Rosenthal, Euclid
B.S.

Martin Rand Rosenthal, Akron
A.B. (Indiana University)

Michael Roth, Columbus
B.S.

William Shannon Rothermel, Jr., Canton
A.B. (Colgate University)

Paul David Ruff, Lancaster
B.A.

Joseph Francis Savona, Brooklyn, N. Y.
B.S. (Saint John's University, Brooklyn, New York)

Steven Ross Schelkun, Troy
B.A. (Ohio Wesleyan University);
M.S.

Edward Franklin Schlegel, III, Coshocton
B.S.

Joseph Harold Schmidt, North Olmsted
B.A.

David Paul Schroeder, Mansfield
B.A. (University of North Carolina)

Joseph Charles Schultz, South Euclid
B.S. (Ohio University)

Thomas Owen Schwab, Hamilton
B.A. (Miami University)

Gary Stanley Setnik, Shaker Heights
B.A. (Miami University)

Sedat Selajdin Shaban, Mansfield
B.S.

Jay Hammond Shaffer, Greenfield
B.A. (Dartmouth College)

Pamela Zadinsky Silver, North Canton
B.S.

Dennis Robert Sinar, Elyria
B.S. (Marquette University)

Roy Eugene Smith, Warren
B.S.

Thomas George Smith, Akron
B.S. (University of Akron)

Dennis Lee Spangler, Cuyahoga Falls
B.S. (Akron University)

Mark Clarence Speelman, Crestline
B.A. (Wittenberg University)

Ronald Lee Speidel, Canton
B.S. (University of Cincinnati)

Lawrence Joseph Spoljaric, Niles
B.S. (Ohio University)

Maureen Glatteman Stark, Trotwood
B.A.

John Andrew Stith, Akron
B.S. (United States Air Force Academy)

David Greenless Stockwell, Marietta
B.S. (Marietta College)

George Aurel Streza, Fairview Park
A.B. (Miami University)

Donald Louis Strobl, Cleveland
B.S. (Cornell University)

John Howard Stuckey, Hamilton
A.B. (Miami University); M.A.T. (Emory University)

John Richard Swartzel, Tallmadge
B.S. (Ohio University)

James Edward Szymanowski, Fremont
B.S. (University of Notre Dame)

James Clifford Taddeo, Cleveland
B.S. (Ohio University)

Thom Augustus Tarquinio, Reynoldsburg
B.S.

Phillip Bernard Teitlebaum, Toledo
B.S. (University of Toledo)

Bruce Richard Thomas, Alliance
B.S. (University of Notre Dame)

Georgia Anne Thomas, Westlake
A.B. (Smith College)

James Edward Thomasson, Smithfield
B.A. (Ohio Wesleyan University);
M.S.

Charles Lynn Thompson, Columbus
B.S.

Jeffrey Allen Todd, Columbus
B.S. (John Carroll University)

Maurice K. Topolosky, Columbus
B.S.

Leonard Joseph Torok, Parma
A.B. (Case Western Reserve University)

Ronald Edward Traficant, Youngstown
B.S. (Ohio University)

Robert Calvin Turner, St. Clairsville
B.S. (Bethany College)

Gregory Stuart Uhl, Worthington
B.A.

John Andrew Uhl, Findlay

David Orville Ulery, Springfield
B.A. (Kenyon College)

Thomas Robert Vajen, Napoleon
B.S.

Paul Francis VanAusdal, Dayton
A.B. (Miami University)

Dean Wade Varian, East Canton
B.S. (Mount Union College)

Phyllis Joan Visocan, Windham
A.B. (Oberlin College)

Robert Sherwood Wagner, Columbus
B.A. (Northwestern University)

Steven Michael Wagner, Toledo
B.S. (University of Toledo)

Richard Frank Walker, Jr., Dayton
B.S.

Pei Lien Wang, Fairport Harbor
B.S. (Case Western Reserve
University)

James Michael Ward, Jr., Loveland
B.S.

Gregory James Warth, Canton
B.S. (Ohio University)

Charles Howard Webb, Lima
B.A. (College of Wooster)

Jacob Webel, Akron
B.S.

Stephen James Weiler, Circleville
A.B. (Miami University)

Verna Teresa Weinstock, Vincent
B.S.

Alan Frank Weisenberg, Beachwood
B.S. (University of Pittsburgh)

Stephen Mark Weiss, Beachwood
B.A. (Washington and Jefferson
College)

Abraham Weizenberg, Akron
B.S. (University of Akron)

Michael Craig Welch, Columbus
B.A. (Wittenberg University)

John James Wheller, Garfield Heights
B.A. (Kent State University)

David Oscar Wiechers, Columbus
B.S. (Capital University)

David Hall Wiedemer, Mansfield
A.B. (Cornell University)

Samuel J. Williams, II, Columbus
B.A. (Asbury College, Kentucky)

Jay Curtis Williamson, Niles
B.S. (Ohio University)

Frank Edward Wilson, Columbus
B.S. (University of Pittsburgh)

Stanley Clayton Wilson, Columbus
B.S. (Ohio University)

James Bryan Wolcott,
Cuyahoga Falls
A.B. (Dartmouth College)

Stanley K. Yarnell, Wooster
B.S.

Jeffrey Wayne Yatsu,
Richmond Heights
B.A. (Hiram College)

Daryl Hoak Yoder, Springfield
B.A. (Anderson College)

James Richard Ziegler, Jr., Cleveland
B.S. (Heidelberg College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

One hundred and seven candidates

Marcella Ann Aceto,
Wheeling, W. Va.

Anne Stolarski Amodio, Columbus
Janis Wittmeyer Anthes, Springfield
Robert Eugene Baker, Moscow
Micaela Barbara Jean Banks,
Avon Lake

Peter Douglas Bartkiewicz,
Hamilton, Ont., Canada

Marilyn Sue Becker, London
Joy Ada Best, Tiffin

Alice Louise Bossen, Cuyahoga Falls
Brenda Marie Bossetti, Columbus

Julie Ann Brewer, Columbus
Linda Candel Brotherton, Columbiana

Margaret Ann Bruns, Yorkshire
Sharon Lee Coy, Wauseon

Marsha Kay Cummings, Columbus
Kathleen Riley D'Amico, Toledo

Connie Graham Dickerson, Delaware
Martha Jane Dickerson, Worthington

Marilyn Kay Dilsaver, Galion
Barrett Lindsey Dorko, Westlake

Kathleen Susan Dougherty,
Tacoma, Wash.

Cynthia Jean Dovala, Youngstown
Mary Elizabeth Dudash, Dayton

Linda LaMonica Everly, Columbus
Mary Ann Fedun, Woodbridge, N. J.

Mark Joseph Fernandez, Louisville
Elaine Marie Filusch, Cincinnati

Phyllis Gail Fletcher,
Fresh Meadows, N. Y.

Vicki Ann Flinn, Fairfield

Sandra Louise Flynn, Avon Lake
Kimberly Rue Focht, Columbus

Michael Alan Fried, Youngstown
Janet Wilson Gloeckner,
Charleston, W. Va.

Elaheh Golji, Chillicothe
Irene Judith Golub, Alexandria, Va.

Daniel Ray Hall, Ravenna
Sandra Kanter Halprin,
Cleveland Heights

Thomas Anthony Hampel, Middletown
Linnea Fowler Hopewell,
Danville, N. H.

Marilyn Margaret Hribar, Euclid
James Leslie Hull, Mansfield
Donna Louise Jacobs, Dayton
Jesse David Jerome, Van Wert
Laurie McDonald Jessup, Akron
Helen Margaret Johansen, Cleveland
Richard Joseph Jurevic, Atlanta, Ga.
Barbara Louise Keller, Cincinnati
Robert Paul Kelley, Mentor
Patricia Sue Kendall, Cleveland
Linda Kay King, Washington C. H.
Alice Kortyna, Broadview Heights
Gerard Anthony Lageman, Columbus
Sandra Marie Letostak, Columbus
Shelagh Robertson Macpherson,
Columbus

Norman Richard Marston,
Worthington

Mary Jo McCowan, Marietta
Karen Hall Mears, Toledo

Michael David Mericle, Van Buren
Mark Frederick Miller, Columbus

Susan Elaine Miller, Lexington, Ky.
Robert Scott Modic, Euclid

Carla Mary Moon, Berlin Heights
Louise Marie Morozoff, Maple Heights

Cheryl Heischman Moyer, Fostoria
Gail Elizabeth Murchie,

North Vancouver, B. C., Canada
Susan Stein Muskopf, Canton

Kathleen Louise Newman, Canton
Suzann Lorene Oakes, Lucasville

Barbara Shirley O'Brien, Dayton
Christine Frances Opeka,

Norton Village
Brad Douglas Ostroff, Youngstown

John Julius Palazzo, Columbus
Krista Jean Paoletti, Columbus

Rebecca Ann Prendergast,
Waynesville

Leslie Jeanne Reinman, Youngstown
Nancy Jean Renneker, Hamilton

Christopher Lee Riley, Stow
Mildred Joan Rinehart, Columbus

Victoria Marie Rinehart, Columbus
Janet Lee Schuster, Columbus

Cheryl Marie Seese, Canton
Miriam Grace Sell, Dayton

Charlotte Ann Simmonds, Cleves
Gary Dean Smith, Marietta

Patricia Jean Smith, Orrville
Kimberley Kay Somers, Mentor

Joyce Ann Springer, New Washington
Debra Caserta Stark, Marion

Linda Lee Stein, Bellville
Vicki Sue Stevenson, Galion

Jane Ann Strausbaugh, Columbiana
Rebecca Ann Swerlein, Sycamore

Delores Taylor, Cleveland

Patricia Anne Ternes, Elyria
 Daniel Bradley Terrell, Elyria
 Karen Stuart Terry, Rexford, N. Y.
 Daniel Jay Tscherne,
 Temperance, Mich.
 Michael Joseph Tuscan, Galion
 Patrice Anne Van Keuren, Wooster
 Valerie Jayne Vogelsong, Ironton
 Patricia Ann Weaver, Hamilton
 Ann Elizabeth West, Marietta
 Douglas Harper Wickham, Delaware
 Mildred Melinda Williams, Waverly
 Barbara Anne Wingert,
 Fairview Park
 Sandra Rae Wohlever, Sandusky
 Mary Christine Zestermann,
 Cincinnati

Certificate of Nurse Anesthetist

Four candidates

Kenneth Charles Evec, Zanesville
 Patrick William Ferry, Kettering
 Penelope Ann Kettlewell,
 Clearfield, Utah
 Janice Louise Weiss, Cleveland

School of Nursing

Bachelor of Science in Nursing

One hundred and five candidates

Robyn Lee Alspach, Columbus
 Nancy Jean Amacher, Euclid
 Barbara Anderegg, Cincinnati
 Anne Jeanette Anderson, Columbus
 Barbara Jean Anderson, Glencoe, Ill.
 Mary Jane Andrews, Baltic
 Janet Carol Baker, Massillon
 Florence Hahl Balogh, Hilliard
 Susan Marie Basta, Macedonia
 Cynthia Caryl Baumbach,
 Fairview Park
 Christine Lee Bayless, Hudson
 Anne Elizabeth Beaver, Xenia
 Elizabeth Bricker Bokelman,
 Fort Wayne, Ind.
 Frances Elizabeth Boose,
 Monroeville
 Cynthia Anne Bosworth, Canton
 Loraine Ellen Brainerd, Stillwater
 Linda Suzanne Bross, Mansfield
 Gail Ann Burchfield,
 Red Bluff, Calif.
 Janet Rebecca Cheyfitz, Cleveland

Mary Patricia Clear, New Vienna
 Susanna Sloane Corbett, Gahanna
 Sheila Marie Cormany, Columbus
 Helen MacMahon Davidson,
 Springfield
 Molly McConnell DeHaas,
 Youngstown
 Stefanie Marie DeNiro, Youngstown
 Patricia Ann Dolan, Cincinnati
 Ruth Ingraham Donaldson, Columbus
 Marie Louise Eckenrode,
 North Canton
 Cheryl Ann Eichel, Dover
 Nancy Relf Elstun, Strongsville
 Denise Dominique Enterline, Oregon
 Susan Jane Feldscher, North Canton
 Alice Beck Forgrave, Wharton
 Bonnie McLaughlin Glandon,
 Columbus
 Carol Mount Halliday,
 Washington C.H.
 Ann Leslie Hamilton, Marietta
 Carolyn Joyce Hamilton, Caledonia
 Susan Kay Harshman,
 Cuyahoga Falls
 Kristina Margaret Hatas, Perrysburg
 Nancy Kaye Hinerman, Carrollton
 Loretta Johnson Holland, Canton
 Susan Kay Hootman, Pittsburgh, Pa.
 Lynn Norma Huemrich,
 Wilmington, Del.
 Pamela Jo Hull, Toledo
 Diane Elaine Hunt, Canton
 Betsy Sue Isner, Canton
 Karen Lynn Jeffers, Columbus
 Kathy Elizabeth Johnson, Eaton
 Laurie Elizabeth Kaps, Cincinnati
 Mary Kaufman, University Heights
 Constance Clark Killen, Centerville
 Cheryl Ann Klouzal, Garrettsville
 Mary Kathleen Kluznik, Mentor
 Susan Lynn Knierer, Centerville
 Sandra Michelle Konieczny,
 Miramar, Fla.
 Jill Lynn Kovarik, Perrysburg
 Nancy Sue Kramer,
 Clarksburg, W. Va.
 Rochelle Linda Kwait,
 University Heights
 Deborah VanSant Lavelle, Dayton
 Virginia Cline Livingston, Columbus
 Martha Marlene Lyon, Caledonia
 Jill Eva Manassa, Akron
 Mary Patrice McCarthy,
 Fairview Park
 Mary Susan McIntosh, Youngstown
 Nancy Mintz Melamed,
 University Heights

Vicki Jo Mizer, Delta
 Kathleen Elizabeth Montgomery,
 Delaware
 B.A. (Ohio Wesleyan University)
 Susan Jane Moore, Warren
 Molly Jean Moran, New Philadelphia
 Patricia Annis Murphy, Columbus
 Carol Boyd Myers, Columbus
 Susan Jacqueline Obreza, Euclid
 Zandra Ensminger Ohri, Zanesville
 Sheryl Gaye Pincus, Youngstown
 Nancy Clare Plessner, Gahanna
 Karen Lee Reiff, Mansfield
 Bernadette Marie Revta, Lorain
 Edward Joseph Ridolfo, Columbus
 Jo Anne Ritter, South Euclid
 Rebecca Suzanne Roof,
 Bowling Green
 Mary Constance Roubal, Kettering
 Janice Vivian Ryan, Waynesville
 Joyce Elaine Schnarrenberger, Tiffin
 Valerie Ann Scott, Amherst
 Margaret Stone Siemer, Salem
 Marie Olchovy Spero, Cleveland
 Sally Gwartz Steward, Shelby
 Karen Kay Strait, Bryan
 Nancy Rose Swank, Newark
 Sandra Ranttila Taylor, Columbus
 Molly Louise Thomas, Lancaster
 Debra Denise Thurber, Columbus
 Debra Allyn Trimble, Warren
 Diana Lee Turner, Columbus
 Linda Pyle Tuttle, Westerville
 Wanda Faye Wagers, Columbus
 Patricia Kay Watterson, Parma
 Rebecca Marie Weaver, Dorset
 Vickey Lee Weir, Dayton
 Sarah Deering Wells, Newark
 Constance Higley Wiener, Oregon
 Elizabeth Anne Williams, Barberton
 Bonnie Fae Williston, Plymouth
 Carla Diane Workman, Columbus
 Linda Ruth Zipp, Cleveland Heights

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Forty-three candidates

Robert John Alexejun, Schofield, Wis.
Lawrence John Alto, Monroe, Mich.
Jerry Ray Burger, Akron
Michael Terry Cady, Pontiac, Mich.
B.S. (Michigan State University)
Richard Thomas Corea, Niles
B.A. (Saint Joseph's College, Indiana)
James Allyn Cox, Dover
B.S.
Carl David Dodson, Zanesville
Terry Paul Duncan, Niles
B.S. (Ohio University)
David Ralph Erhard, Pittsburgh, Pa.
B.A. (Thiel College)
Ronald Lee Evilsizor, New Carlisle
Richard Thomas Fox, Mason
B.S. (University of Dayton)
Robert A. Heacock, Cuyahoga Falls
Larry Chris Henry, East Brady, Pa.
Paul Stephen Hornik,
Broadview Heights
Terry L. Huston, Napoleon
Dennis David Knowles, Chillicothe
B.S.
Gregory Paul Kracher, Bear, Del.
Joseph J. Lasusky, Pottsville, Pa.
B.S. (Pennsylvania State University)
Dennis Richard Laub, Bellevue
Marilyn Faye Leubitz, Akron
B.S.
Milton Cornell Mason, Waterford
B.S.
Michael C. McClay, Ottawa, Kan.
Thomas J. Moomaw, Sugar Creek
B.S.
Ronald Carl Nelson, Stow
B.A. (Kent State University)
Daniel Joseph Niederkoher,
Upper Sandusky
David Lloyd Peters, Ithaca, Mich.
David Jay Reinow, New York, N. Y.
B.A. (Hobart College)
Preston P. Richmond, Belpre
Mark Howard Rinkov, Columbus

Paulette Patricia Schmidt,
Mt. Horeb, Wis.
B.S.

Rolf D. Schooler, II, Caldwell, Id.
B.S. (College of Idaho)
Joseph Samuel Serian,
Fairmont, W. Va.
Brian Joseph Sheatzley, Cincinnati
Robert A. Skowbo, Hamilton
Robert David Spruance, Fairborn
David Kenneth Stewart, Alpha
Jeffrey Lyn Timko, St. Clairsville
Riley J. Turcott, Petoskey, Mich.
Glen Allen Whitehead, Bellevue
Gary L. Williams, Bay Village
B.S.
Philip Marvin Wing, Cincinnati
Christopher John Wolf,
Mechanicsburg
B.S. Agr.
Jack Joseph Yager, Frankfort
B.S. (Ohio University)

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

Sixty-three candidates

James Alan Baker, Louisville
John Joseph Bardin, Canton
Thomas Allen Bartley, Columbus
B.S.
Patricia Griffith Bertheaud,
Youngstown
George Michael Bescak, Lorain
Garry DeWayne Boyd,
New Lexington
Edward Arthur Braytenbah,
Kensington, Md.
Delbert Gordon Brown, Crestline
Beryll Gay Cohen, Dover
Steven Allen Couts, Port Washington
James Lewis Culberson, Grove City
B.S.
Richard Dwight Dawson,
Mingo Junction
Mary Tanoury Ellis, Zanesville
Thomas John Engle, Cincinnati
David Allen Fairchild, Columbus
B.S.
Michael Robert Gecewich, Wickliffe
Steven Emery Guba, Cleveland
Frances Pim Hill, Salem
James Hartley Hill, Caldwell
B.S. (Kent State University)
Edward Clarence Hohman, Caldwell
David Lynn Hopkins, Cortland
Anthony Iacobone, Columbus
Edward Frank Jirik, Jr., Columbus
David Stewart Joseph, Columbus
David Justin Kalis, Elyria
John Albert Kunze, Columbia Station
B.S.
Silmond Lok, Columbus
Caprice Lipaj Mercer, Bay Village
Lynn Lee Michener, Eastlake
John Frank Mingo, Campbell
Nora Jean Moyer, Germantown
David Anthony Murray, Bellaire

College of Veterinary Medicine

Acting Dean: C. Roger Smith, D.V.M.

Rebecca Susan Perdue,
South Zanesville

Joseph Robert Pruneski, Maynard

Lynn Ellyn Roberts, Akron

Douglas William Rose, Columbus

Ora Randolph Rowland, Lyons

Christine Nettleship Ruffolo,
Columbus

Robert Richard Ruffolo, Jr., Columbus

Dean Carroll Scarbrough, Findlay

Dale Lee Schultz, St. Marys

Melinda Lea Scilkop, Greenfield

Nicholas Andrew Shaw, Lancaster

Gregory Allen Sierer, Ironton

Sharyn Marie Smith, Galloway
B.S.

Brent Devearl Snoke, Newark

Michael Allen Steele, Columbus
B.S.

Janet Overly Swartz, Richwood

Gregory Walter Szelempa, Elyria

Ronald Keith Tobias, Dayton

James Henry Utah, Ridgway, Pa.

Paul Eugene Vandermark, Lancaster

Robert David Vorhes, Columbus

Elizabeth Winyard Wallace, Niles

Jeffrey Audubon Wallace, Ashland

Dale Alan Wolfley, Columbus

Jo Ann Jackson Wolfe, Cleveland

Dennis John Wolschleger, Wickliffe

Phyllis Yeager Young, Columbus
B.A.

Richard Thomas Yowler, Columbus

Paul Hon Kwan Yu, Hong Kong
B.S.

James Charles Zehner, Loudonville

Betty Hess Zito, Springfield

Doctor of Veterinary Medicine

Ninety-three candidates

Larry John Anliker, Steubenville

Joe Stephen Bailey, Thornville

Gene Ray Balser, Antwerp

Timothy Ralph Barman, Monroeville

John Michael Barnes,
New Martinsville, W. Va.

Mark Alan Basinger, Columbus Grove
B.S.Agr.

David Harold Bauman, Cincinnati

Robert Lee Baumann, Amherst
B.S.Agr.

Thomas Charles Black, Perrysburg

Earl Myles Borash, Lynn, Mass.

John William Boros, Rocky River

Harold Leslie Brown, Xenia

James Wyatt Carmichael, Columbus
B.S. (West Virginia University)

William Fredrick Cheney,
Cleveland Heights

Gary Lee Clemons, Cincinnati
B.S.Agr.

Judith McNally Clemons, Zanesville

Thomas Lee Cliffe, Poland
B.A. (Youngstown University)

Paul Herbert Coe, Miami, Fla.

Joseph Albert Crock, Zanesville

Joseph William Crock, Jr., Louisville

Jack Robert Crow, Oregon

Douglas Earl Cunningham, Alliance

Ned Alan Cunningham, Marysville

Thomas James Cusick, Jr., Cleveland
B.S.Agr.

Lonnie Lee Davis, Xenia
B.S.Agr.

Norita Charlene Deckard, Dayton

David Joseph Donofrio, Akron

Samuel McMurray Fassig, York, Neb.
B.S.Agr. (University of Nebraska)

Ivan Lee Fillmore, Macedonia
B.A. (Antioch College)

Marcia Yale Fleming, Cincinnati

Lawrence Edward Forthofer, Avon

William Martin Gesel, Dayton
B.S.Agr.

John Lawrence Green, Akron

Martin David Griffin, Bremen
B.A. (Huntington College)

Paul Joseph Haas, Chardon

Richard Patrick Hackett, Jr., London

Clenric Guy Hancock, Lebanon

Betty Roseum Harper, Willoughby

Jerry Axton Harris, Brecksville

Sandra Johns Harris, Irwin, Pa.

Kenneth Shearer Hay, Columbus

Thomas Henry Herdt, Blacklick
B.S.Agr.

Gary Rhoades Holfinger, Troy

Carroll Dean Howman, Mansfield
B.S.

William Edward Iman, Jr.,
Morgantown, W. Va.
B.S. (West Virginia University)

Daryl Lynn Jacobs, Columbus
B.S.

Robert Michael Kahan, Columbus

Charles Frederick Kalb,
New Washington

Gary Lee Keller, Cincinnati
B.S. (Eastern Kentucky State
University)

Mary Constance Kelley, Worthington
B.S.Agr.

David Robert Kluesener, Cincinnati

David Scott Kocher, Fairborn

Thomas David Kohler, Mansfield
B.S.

Jack Parker Krebs, Wapakoneta

Michael Toby Lender, Columbus
B.A. (Western Reserve University)

Steuart Hartshorne Ligon,
Sandy Spring, Md.
B.S.Agr. (University of Delaware)

Malcolm Clyde Loomis, Chardon
B.S.Agr.

Arthur William Malernee, Columbus

Merritt William Marrs, Jr.,
Lexington, Ky.
B.S. (University of Kentucky)

Paul Edward Masters, Jackson

John Raymond Matlack, Parma
B.S. (Cleveland State University)

Anthony Alson Matthews, Oregon

Thomas Edward McClain,
Beaver Falls, Pa.
B.S. (University of Kentucky)

Rocco Edward Mele, Youngstown

Keith Douglas Nicol, Eugene, Ore.
B.S. (Oregon State University)

James Bennett Nold, Columbus

Lawrence Scott Papas, Canton
B.S. (Bowling Green State
University)

William Hervey Payne,
Milford Center
B.S.Agr.

William Ross Peery, Beckley, W. Va.

Rodney William Poling, Dunkirk

James Charles Prueter, Akron
B.S.Agr.

William Machir Pyles, Maysville, Ky.
B.S.Agr., M.S. (University of
Kentucky)

Michael David Rosen, Bronx, N. Y.

James David Shaffer, Marysville

Robert Carroll Sheard, Jr., Xenia
B.S.Agr.

Robert George Sherding, Jr.,
Ridgewood, N. J.

John Wesley Shoup, Ashland
B.A. (Wittenberg University)

Norris Kent Smith, Bay Village
B.S.

William Frederick Snyder, Woodville

John Douglas Stevens, Loveland

Robert Paul Stewart, Marietta
B.A. (Denison University)

Robert Carlyle Stout, Versailles, Ky.

Donald Robert Thurston, Columbus

Beatrice Irene Turk, Cleveland

James Robert Vanzant, Columbus
B.S.Agr.

Robert Gene Vanzant, Hillsboro
B.S. Nutrition

Shawn Noel Webster, Cincinnati

Mark Wiley Wells, Richwood

Stephen Drake Wenger, Columbus

Ricki Asia Whitacre, Beverly
B.S.Agr.

George Anthony Wiseley, Alvada

Neil Alan Wiseley, Findlay

Lynn Douglas Yoder, West Liberty

GRADUATES WITH HONORS

SUMMA CUM LAUDE

Robert Clark Adams, Columbus
Anne Jeanette Anderson, Columbus
Diana Gay Ankrum, Chesapeake
William Richard Aros, Lorain
Alan Stuart Axelrod, Akron
Robbie Lynn Ayers, Columbus
Sharon Bailey, Elida
Susan LaFleur Barnhart, Columbus
Donna Eileen Barrington, Columbus
Susan Marie Basta, Macedonia
Gary R. Baughman, Zanesville
Anne Elizabeth Beaver, Xenia
Susan Kilbane Bergman, Columbus
Susan Wolfe Blanke, Columbus
Rosalyn Pearl Blogier,
University Heights
Vernon Glick Bolender, Jr.,
Lockbourne
Joanne Buckley, Worthington
Richard Duane Bullock, Brookfield
Jack Patrick Bunce, Lebanon
Thomas William Carton, Jr.,
Kettering
Andrew Knox Cherney, Fairfield
Janet Rebecca Cheyfitz, Cleveland
Thomas Eugene Claugus, Barnesville
Mark Barry Cohn, University Heights
Tom Harvey Connolly, Columbus
Marian Louise Cooksey, Utica
Ann Elizabeth Corrigan,
F. P. O. New York, N. Y.
Robert John Cotman, Columbus
Wesley Roland Cox, Cincinnati
Gail Maxine Cumming, Dayton
Jonathan Byron Dann, Columbus
Gregory Scott DeWolfe, Defiance
Floyd Dominic Dottavio, Massillon
Marcia Hart Duval, Springfield
Conrad Michael Eberle, Columbus
Gary Michael Edelson, Manheim, Pa.
Sandra Jill Emig,
Valley Stream, N. Y.
Patricia Marie Ennis, Columbus
Gregory Eugene Evans, Columbus
Jan David Feder, Columbus
Frank James Federico, Seven Hills
Christine Ann Fehst, Joliet, Ill.
Jane Anne Firak, Brecksville
David Wendell Foltz, Kettering
Michelle Foltz, Westerville
Robert Winfield Francis, Columbus
Steven Farrell Friece, Columbus
Wendel Mathew Friedl, Parma
Norman Jean Fuerst, Euclid
Robert Donald Fulton, Columbus
Beth Ann Galbraith, Newark
Gary Wayne Gammage, Columbus
Arthur Edward Garavaglia,
Cincinnati
Karen Elizabeth Hansel Gehr,
Columbus
Gregory Goodman, Lakewood
Edward Joseph Gordon, Columbus
Leslie Frances Grand, Shaker Heights
Judith Marcile Gueth, Greenville
Richard Patrick Hackett, Jr., London
Keith Martin Harshman, Forest Park
David Mark Hein, Worthington
Thomas Henry Herdt, Blacklick
Max Greer Herschler, Columbus
Craig Alan Heselton, Columbus
Cheryl Davis Hoagland, Columbus
Linda Rose Hoersten, Lima
Ellen Louise Holmberg, Columbus
Joyce Ramsey Hubbell, Columbus
Cynthia Lou Huffman, Greenville
Letha Yurko Hunter, Columbus
Jamie Glunt Hutchinson, Columbus
Jennifer Louise Johnson, Xenia
Nancy Ackerman Jones, Columbus
Gerald John Kaufman, Jr.,
Broadview Heights
Donald Kennicott, Lexington, Tenn.
Mary Kathleen Kluznik, Mentor
Susan Lynn Knierer, Centerville
Marjorie Patricia Knowles, Akron
Lynda Elaine Kravitz, Dayton
James Gregory Kunkel, Cincinnati
Thelma Codling Lapham, Columbus
Dava Lynn Ledford, Blanchester
Donna Lou Lemley, Belpre
Paula Enid Litt, South Euclid
Timothy Scott Logan, Perrysburg
Curtis Alan Loveland, Poland
Carol Ann Loveless, Worthington
Dalton Howard Lowe, Cincinnati
Mark Albert Macke, Cincinnati
Bruce Philip Mandel, Cleveland

Marleen Marie Marcin, Cleveland
 Betsa Joan Marsh, Cincinnati
 Nancy Elizabeth Mason,
 Cuyahoga Falls
 Kenneth Lewis McLaughlin,
 Columbus
 Keith Edgar Mealy, Vienna
 Karen Hall Mears, Toledo
 Gary Mitchell Meckler,
 University Heights
 Jeffrey Dean Meyers, Cuyahoga Falls
 Deborah Ann Miley,
 Lake Orion, Mich.
 Blaine Eugene Moyer, Akron
 Thomas Lynn Mumaw, Dayton
 Thomas Joseph Murphy, Columbus
 Emerson Dale Nafziger, Archbold
 Sherril Francis Newman, Belle Center
 Edward Richard Niple, Columbus
 Thomas Joseph Noon, Columbus
 Ann Carey Ortman, Pittsburgh, Pa.
 Dorothy Sue Painter, Zanesville
 Charles Austin Parker, Dayton
 Michael Anthony Pikos, Campbell
 Richard Lee Prass, Dayton
 Merilee Sue Purvis, Worthington
 Frederick Richard Reed, Lancaster
 Nancy Jean Renneker, Hamilton
 Janet Schmidt Rheinecker, Newark
 Jeffrey Leon Rhoad, Fostoria
 Preston P. Richmond, Belpre
 William Edward Riley, Berea
 William Douglas Robertson, Granville
 Craig Stuart Robinson, Columbus
 Stephen Charles Rodeheffer,
 Columbus
 Virginia Mary Rodic, Lakewood
 David Anthony Rogers, Dayton
 Karen Jean Ross, Lyndhurst
 Stephen Lawrence Ruedrich, Dayton
 Paul David Ruff, Lancaster
 Jewel Bernice Schubert, Galion
 Dale Larry Schwartz, New Bremen
 Steven Lee Scott, Mt. Vernon
 Mark Louis Segal, Cleveland Heights
 Anita DeVictor Seipel, Columbus
 John Stephen Sensny, Parma
 Robert George Sherding, Jr.,
 Ridgewood, N. J.
 Charles Wilbur Shifley, Galion
 Nancy Bowman Silvious, Columbus
 Robert Bruce Snyder, Dayton
 Thomas Edward Spriggs, Columbus
 John Wilson Steidley, Cincinnati
 Anne Merrill Stewart, Columbus
 John Eldridge Stinson, Hillsboro

Gregory Alan Stobbs, Springfield
 Beverly Larason Stockberger,
 Columbus
 Eugene Raymond Strussion,
 Shadyside
 Raymond Joseph Studer,
 New Washington
 Janet Overly Swartz, Richwood
 Mark Allen Sweikhart, Dayton
 Thomas Wayne Tenwalde, Ottawa
 William Andrew Thellian, Cleveland
 Denise Sue Thomas, Columbus Grove
 James Edward Thomasson,
 Smithfield
 James Rodney Tolliver, Clayton
 James Leo Trigg, Delaware
 Riley J. Turcott, Petoskey, Mich.
 Diana Caskey Vaughan, Columbus
 Ann Glansberg Verber, Columbus
 Teresa Maria Vicario, Columbus
 Rebecca Sue Vulgamore, Jasper
 Susan Clare Weber, Portsmouth
 Etta Savage Weintraub, Lima
 Susan Hill Wettlaufer, Ashtabula
 RaMaire Whipple, Columbus
 Elizabeth Anne Williams, Barberton
 Kathleen Mary Williams, Akron
 Thomas James Worchester, Stow
 James Michael Wright, Columbus
 Sara Elaine Wynn, Canton

SUMMA CUM LAUDE AND WITH
DISTINCTION IN AGRONOMY

Rolf Lynn Wells, Warsaw

SUMMA CUM LAUDE AND WITH
DISTINCTION IN AMERICAN STUDIES

Barbara Merlo Talbott,
 Milwaukee, Wis.

SUMMA CUM LAUDE AND WITH
DISTINCTION IN ANIMAL SCIENCE

Maxey Lee Wellman, Cincinnati

SUMMA CUM LAUDE AND WITH
DISTINCTION IN ANTHROPOLOGY

Suzanne Marie Langlois, Newark

SUMMA CUM LAUDE AND WITH DIS-
TINCTION IN COMPARATIVE LITERATURE

Alice Ann Jardine, Dayton

SUMMA CUM LAUDE AND WITH
DISTINCTION IN ECONOMICS

Scott Powell McHenry, Cincinnati
Alan Charles Stockman,
Columbus

SUMMA CUM LAUDE AND WITH
DISTINCTION IN ENGLISH

Linda Faye Smith, North Canton

SUMMA CUM LAUDE AND WITH
DISTINCTION IN FOOD TECHNOLOGY

Maria Mon Zou Wei,
Waterloo, Ont., Canada

SUMMA CUM LAUDE AND WITH
DISTINCTION IN FRENCH

Louise Diane Hock, Cincinnati

SUMMA CUM LAUDE AND WITH
DISTINCTION IN GEOLOGY
AND MINERALOGY

James Edward Barrick, Centerburg

SUMMA CUM LAUDE AND WITH
DISTINCTION IN HISTORY

Kathleen Ann Sherman, Lima
James Charles Wilson,
Memphis, Tenn.

SUMMA CUM LAUDE AND WITH
DISTINCTION IN HOME ECONOMICS

Linda Arlene Pursley, Lebanon

SUMMA CUM LAUDE AND WITH
DISTINCTION IN HORTICULTURE

Paul William Meyer, Cincinnati

SUMMA CUM LAUDE AND WITH
DISTINCTION IN LINGUISTICS

Roberta Lane Fisher, Columbus
Ruzica Kapetanovich, Powell

SUMMA CUM LAUDE AND WITH
DISTINCTION IN MANPOWER
AND INDUSTRIAL RELATIONS

Thomas James Zenisek, Cleveland

SUMMA CUM LAUDE AND WITH
DISTINCTION IN MATHEMATICS

Patricia June Carstensen, Martin
David James Vickers, Cincinnati

SUMMA CUM LAUDE AND WITH
DISTINCTION IN NATURAL RESOURCES

Carol Louis Fuhrman, Willowick
Dale Stanton Plank, Elmore

SUMMA CUM LAUDE AND WITH
DISTINCTION IN PHARMACY

Robert Richard Ruffolo, Jr., Columbus

SUMMA CUM LAUDE AND WITH
DISTINCTION IN PHILOSOPHY

Eric Robert Bush, Wellsville

SUMMA CUM LAUDE AND WITH
DISTINCTION IN POLITICAL SCIENCE

Colleen McMahon, Columbus
Carter Glasglow Phillips, Canton

SUMMA CUM LAUDE AND WITH
DISTINCTION IN PSYCHOLOGY

Derek William Schultz, Lexington

SUMMA CUM LAUDE AND WITH DIS-
TINCTION IN SPANISH AND FRENCH

Carol Ann Becka, Newark

SUMMA CUM LAUDE AND WITH
DISTINCTION IN ZOOLOGY

Winkler Gabriel Weinberg, Columbus

CUM LAUDE

Aazy Arthur Aaby, Canton
Fred Martin Abramovitz, Cleveland
Doris Lugosi Abrams, Chicago, Ill.
David Newell Abruzzo, Flint, Mich.
Rebecca Joanne Adams, Fairborn
Nancy Ann Addison, Columbus
Don Edward Alexander, Trenton
Janenne Allen, Chillicothe
Robert Philip App, Philadelphia, Pa.
Richard Roy Augspurger, Dayton
Richard Wayne Avery, Cincinnati
Randy Allen Babb, Salem

Kathy Hofer Bachman, Columbus
 Micaela Barbara Jean Banks,
 Avon Lake
 Craig Douglas Barclay, Newark
 Samuel Logan Barile, Parma
 Timothy Ralph Barman, Monroeville
 Carol Lee Barnum, Columbus
 Michael Simon Barson,
 Cleveland Heights
 Janet Winifred Bay, Kilbourne
 Robert Leslie Beals, Cleveland
 Melanie Jean Beck, Fairborn
 Edward Virdell Bennett, Jr., Dayton
 Jeanette Elaine Bialczak, Columbus
 Marilyn Enroth Bird, Seattle, Wash.
 James Russell Blake, Poland
 Richard Emin Blake, Beaver
 Daniel Robert Blazer, Columbus
 Kathy Jo Block, Youngstown
 Elizabeth Ann Blower, Grove City
 Deborah Louise Booth, Youngstown
 Brenda Marie Bossetti, Columbus
 Dorothy Jane Bouillon, New Riegel
 John Frederick Bowman, II,
 Reynoldsburg
 John Robert Boyle, Columbus
 David Ray Brandau, North Canton
 Susan Mitchell Breinich, Columbus
 Michael Dale Brogan, Canton
 Timothy Charles Brotzman, Madison
 Delbert Gordon Brown, Crestline
 James Rickey Brown, Jr., Portsmouth
 Roger Dean Brown, Worthington
 Margaret Ann Bruns, Yorkshire
 Sherry Dawn Burk, Maumee
 Georgia Connor Burns, Columbus
 Eric Karl Busch, Tiffin
 William Kerr Butler, Wellston
 Ann Campbell, Mansfield
 Anthony Joseph Carroll,
 Falls Church, Va.
 Jeffrey Hale Caufield, East Cleveland
 Michael Paul Chapin, Pierpont
 Karen Gingrich Cherrington,
 Columbus
 Roberta Lynn Chevrier, Columbus
 Nancy Ann Christine,
 Washington, N. J.
 Michael Jeffrey Clark,
 Grosse Pointe, Mich.
 Richard Glen Cline, Grove City
 James Alan Cloyd, Elida
 Paul Herbert Coe, Miami, Fla.
 Kim Jacob Coffman, Dayton
 Donald Barry Cohen,
 Forest Hills, N. Y.
 Marlene Celia Cohen, Canton
 Walter Ralph Conner, Columbus
 Robert Steven Connors, Aurora
 John Carl Cook, Jr., Van Wert
 Kathleen Benson Cook, Columbus
 Donald Paul Corley, Sandusky
 Robert Eugene Cowan, Alliance
 Kevin Rae Crosthwaite, West Chester
 Thomas Eugene Crowl, Columbiana
 John Alan Cumming, Dayton
 Walter Martin Cummins, Cleveland
 Ung Bieu Dam,
 Cholon, South Vietnam
 Barbara Ann Davis, St. Henry
 Ruth Worley Dearth, Bellville
 Mark Decker, Columbus
 Molly Blythe DeHass, Youngstown
 Gregory Brain Denny, Maple Heights
 Richard Lynn DeWitt, Delaware
 Martha Jane Dickerson, Worthington
 Rosemary Ann Diltz, Columbus
 David Nolan DiSalvo, Kettering
 James Richard Donaldson, Columbus
 Jonnie Quantz Donaldson, Columbus
 James Gordon Douglas,
 Cuyahoga Falls
 Bruce Lee Downey, Johnstown
 Barbara Susan Dungan, Columbus
 Robert Allen Durbin, Columbus
 Anna Jean Duva, Youngstown
 David Michael Duwel, Dayton
 Susan Jo Easter, Columbus
 Merry Edison, Greenwich, Conn.
 Jeffery Alan Eier, Upper Sandusky
 Mark David Eisen,
 North Miami Beach, Fla.
 Nancy Relf Elstun, Strongsville
 Brenda Weir Feder, Columbus
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